

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015650.D
 Acq On : 20 Sep 2023 11:20
 Operator : SY/MD
 Sample : VY0920SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
 Supervised By :Semsettin Yesilyurt 09/21/2023

Quant Time: Sep 21 03:38:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	155727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	266591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76548	44.675	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.360%		
35) Dibromofluoromethane	7.716	113	71945	45.089	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.180%		
50) Toluene-d8	10.179	98	230519	42.608	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	85.220%		
62) 4-Bromofluorobenzene	12.483	95	91045	42.882	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20043	19.526	ug/l	97
3) Chloromethane	2.107	50	25514	19.702	ug/l	99
4) Vinyl Chloride	2.247	62	28724	19.400	ug/l	97
5) Bromomethane	2.638	94	21168	16.825	ug/l	97
6) Chloroethane	2.784	64	21638	19.716	ug/l	98
7) Trichlorofluoromethane	3.113	101	50219	20.224	ug/l	97
8) Diethyl Ether	3.528	74	21770	20.558	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	31119	20.015	ug/l	95
10) Methyl Iodide	4.088	142	29850	18.165	ug/l	96
11) Tert butyl alcohol	4.972	59	66460m	179.201	ug/l	
12) 1,1-Dichloroethene	3.869	96	26630	19.438	ug/l	94
13) Acrolein	3.729	56	25333	96.540	ug/l	99
14) Allyl chloride	4.479	41	49427	19.732	ug/l	94
15) Acrylonitrile	5.161	53	82269	105.905	ug/l	98
16) Acetone	3.954	43	100932	110.073	ug/l	95
17) Carbon Disulfide	4.192	76	48559	18.245	ug/l	95
18) Methyl Acetate	4.485	43	63769	20.727	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	113944	20.420	ug/l	98
20) Methylene Chloride	4.710	84	52613	23.649	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	31253	19.958	ug/l	94
22) Diisopropyl ether	6.119	45	123442	20.477	ug/l	96
23) Vinyl Acetate	6.058	43	380905	102.370	ug/l	96
24) 1,1-Dichloroethane	6.015	63	66535	20.249	ug/l	99
25) 2-Butanone	6.990	43	142151	109.678	ug/l	98
26) 2,2-Dichloropropane	6.978	77	58967	19.635	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	41815	20.114	ug/l	98
28) Bromochloromethane	7.332	49	16895	18.952	ug/l	96
29) Tetrahydrofuran	7.356	42	77883	106.317	ug/l	96
30) Chloroform	7.509	83	72227	20.526	ug/l	95
31) Cyclohexane	7.783	56	46592	19.629	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	58900	20.276	ug/l	98
36) 1,1-Dichloropropene	7.917	75	46582	19.744	ug/l	99
37) Ethyl Acetate	7.076	43	48873	20.768	ug/l	96
38) Carbon Tetrachloride	7.899	117	51492	20.107	ug/l	98
39) Methylcyclohexane	9.179	83	50052	19.181	ug/l	94
40) Benzene	8.161	78	143474	19.941	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	24895m	19.647	ug/l	
42) 1,2-Dichloroethane	8.234	62	48936	19.860	ug/l	94
43) Isopropyl Acetate	8.271	43	82434	20.507	ug/l	98
44) Trichloroethene	8.941	130	40470	20.139	ug/l	99
45) 1,2-Dichloropropane	9.216	63	40184	20.028	ug/l	95
46) Dibromomethane	9.307	93	25877	20.162	ug/l	95
47) Bromodichloromethane	9.496	83	57400	20.065	ug/l	95
48) Methyl methacrylate	9.295	41	35873	20.331	ug/l	92
49) 1,4-Dioxane	9.307	88	11488	453.081	ug/l #	57
51) 4-Methyl-2-Pentanone	10.069	43	262056	105.177	ug/l	95
52) Toluene	10.246	92	93164	20.085	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	61252	19.966	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	65640	19.878	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	39116	20.797	ug/l	94
56) Ethyl methacrylate	10.508	69	56226	20.285	ug/l #	88
57) 1,3-Dichloropropane	10.789	76	63485	20.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	92669	105.254	ug/l	96
59) 2-Hexanone	10.831	43	206628	108.094	ug/l	92
60) Dibromochloromethane	10.984	129	44433	20.238	ug/l	100
61) 1,2-Dibromoethane	11.087	107	37778	20.531	ug/l	98
64) Tetrachloroethene	10.721	164	43128	20.767	ug/l	98
65) Chlorobenzene	11.514	112	106038	20.070	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	42228	20.576	ug/l	98
67) Ethyl Benzene	11.593	91	184477	19.976	ug/l	99
68) m/p-Xylenes	11.703	106	143296	40.824	ug/l	95
69) o-Xylene	12.032	106	70158	20.384	ug/l	97
70) Styrene	12.044	104	120888	20.519	ug/l	96
71) Bromoform	12.209	173	30842	20.738	ug/l #	100
73) Isopropylbenzene	12.331	105	186566	20.460	ug/l	100
74) N-amyl acetate	12.142	43	71140	20.758	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	52560	20.711	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	42502m	21.918	ug/l	
77) Bromobenzene	12.611	156	45740	20.435	ug/l	94
78) n-propylbenzene	12.672	91	226477	20.444	ug/l	100
79) 2-Chlorotoluene	12.758	91	128760	20.391	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	156016	20.438	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18060	20.973	ug/l	93
82) 4-Chlorotoluene	12.855	91	135616	20.573	ug/l	99
83) tert-Butylbenzene	13.075	119	137335	20.541	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	153902	20.149	ug/l	97
85) sec-Butylbenzene	13.251	105	206228	20.611	ug/l	99
86) p-Isopropyltoluene	13.367	119	169771	20.313	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	91657	20.641	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	92356	20.796	ug/l	98
89) n-Butylbenzene	13.697	91	163117	20.610	ug/l	98
90) Hexachloroethane	13.959	117	32854	20.368	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	84617	20.643	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10718	21.265	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	53358	20.677	ug/l	98
94) Hexachlorobutadiene	15.111	225	27663	20.933	ug/l	96
95) Naphthalene	15.233	128	139429	20.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49377	20.731	ug/l	99

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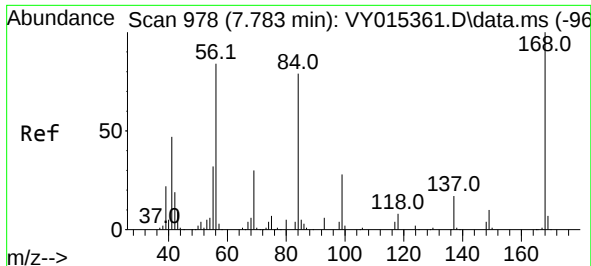
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 09/21/2023

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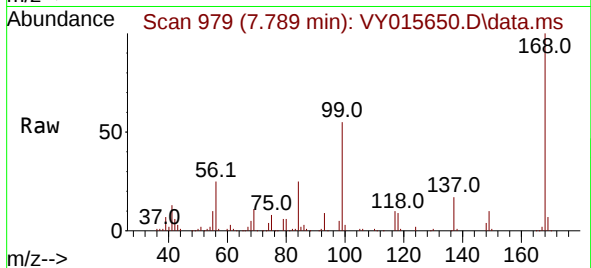
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
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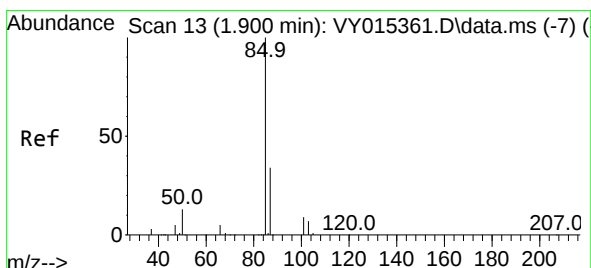
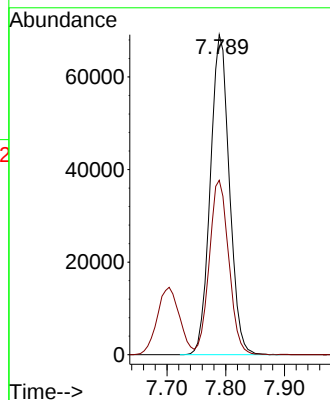
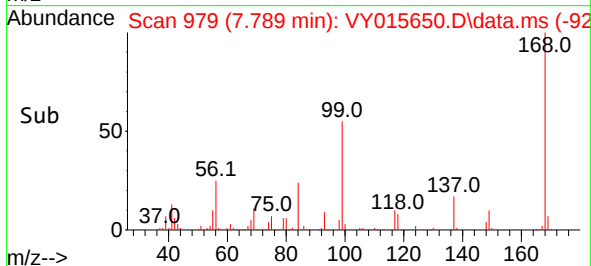
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBSD01



Tgt Ion:168 Resp: 15572
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0

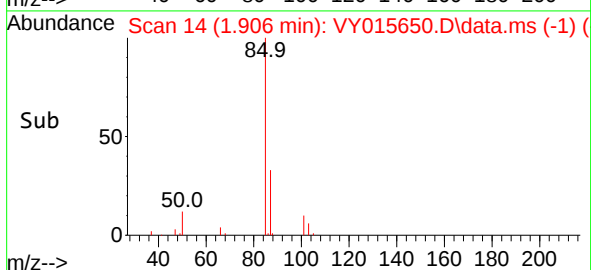
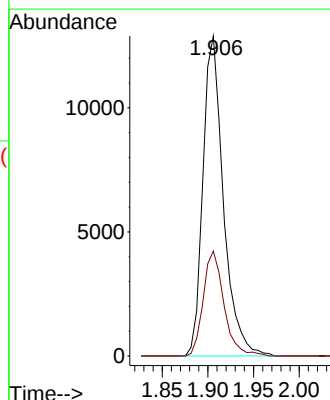
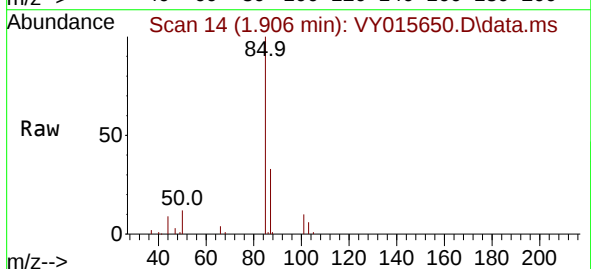
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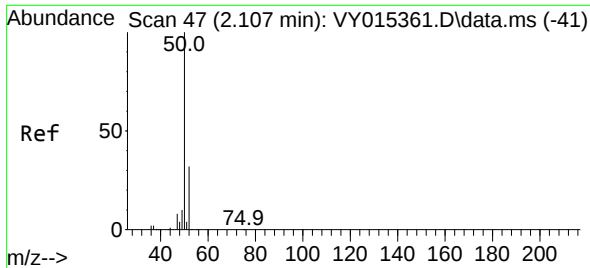
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#2
Dichlorodifluoromethane
Concen: 19.526 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

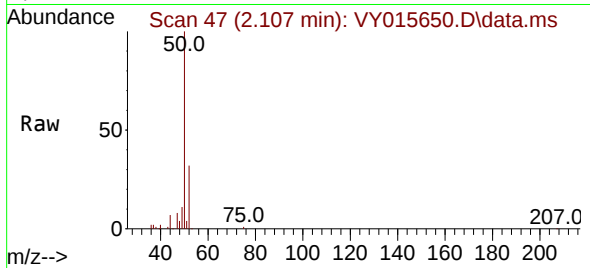
Tgt Ion: 85 Resp: 20043
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8





#3
Chloromethane
Concen: 19.702 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

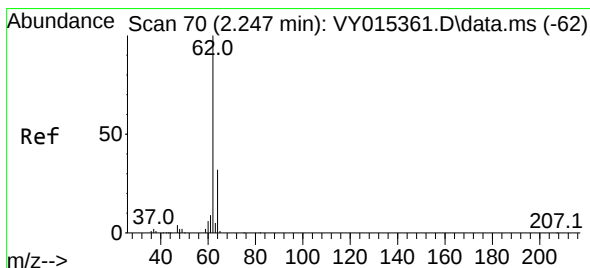
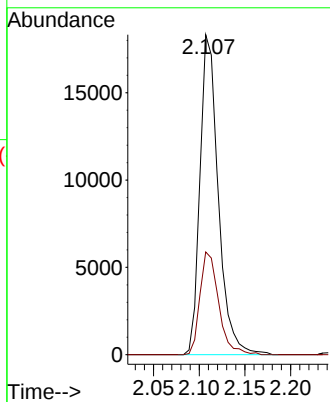
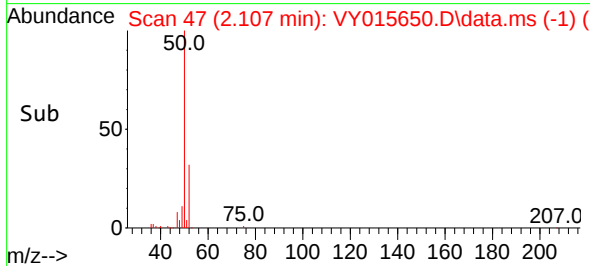
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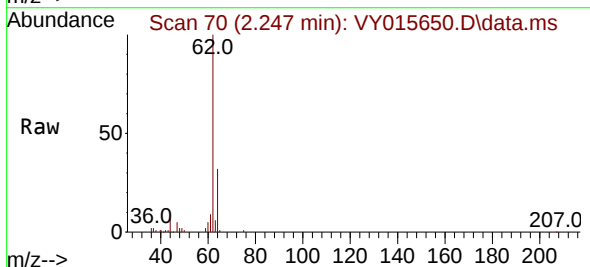
Tgt Ion: 50 Resp: 25514
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2

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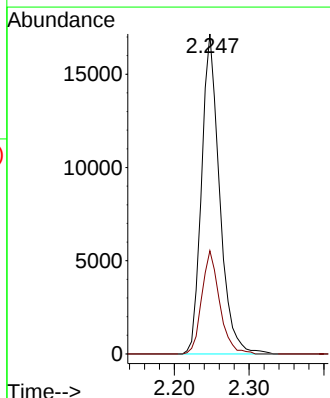
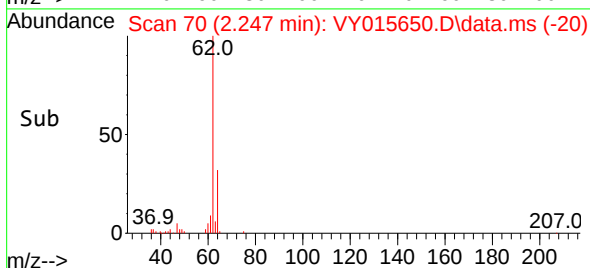
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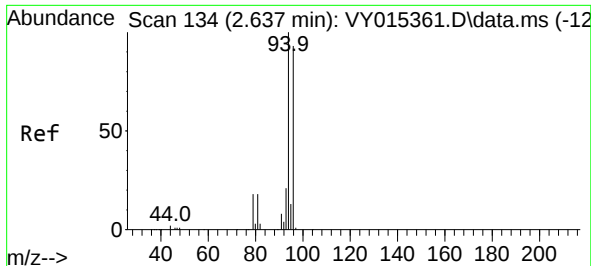


#4
Vinyl Chloride
Concen: 19.400 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20



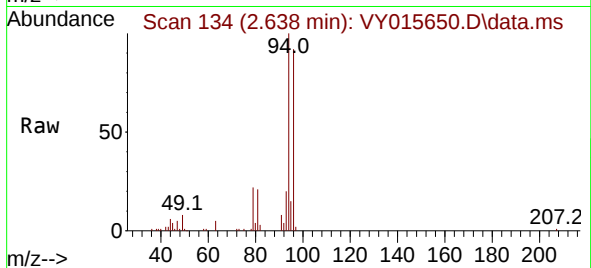
Tgt Ion: 62 Resp: 28724
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5





#5
Bromomethane
Concen: 16.825 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

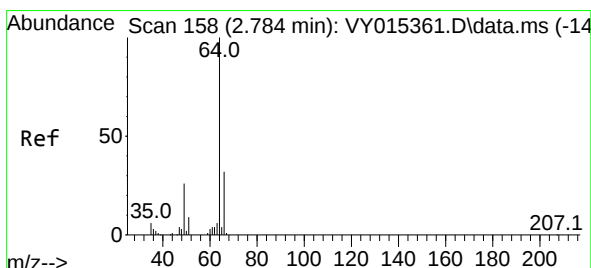
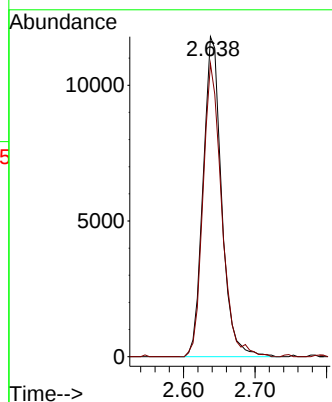
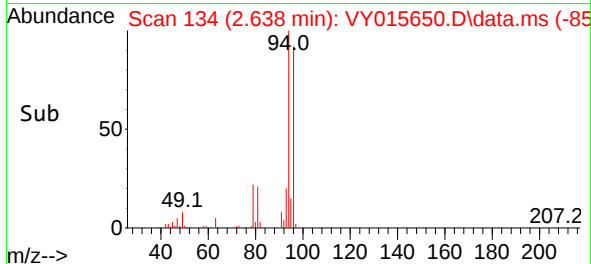
Instrument :
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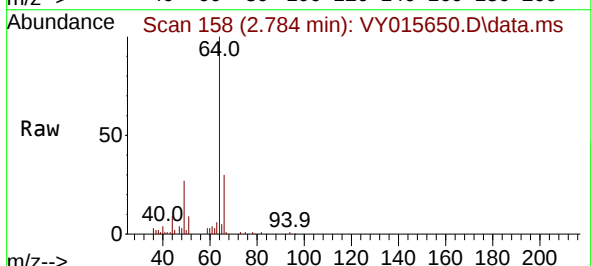
Tgt Ion: 94 Resp: 21168
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.6

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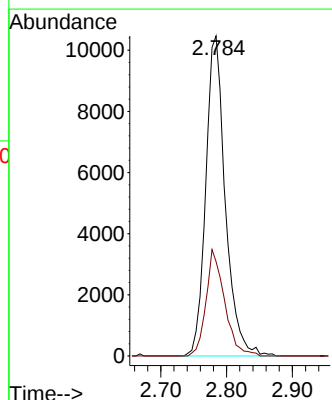
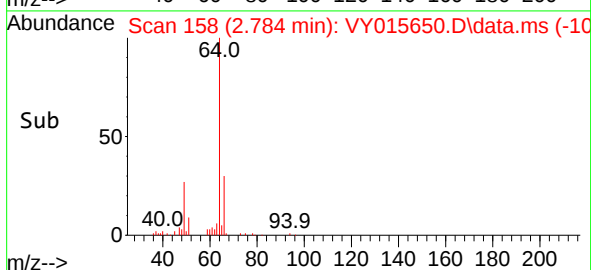
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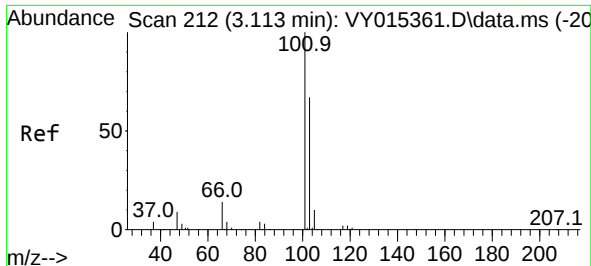


#6
Chloroethane
Concen: 19.716 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 21638
Ion Ratio Lower Upper
64 100
66 29.5 24.4 36.6





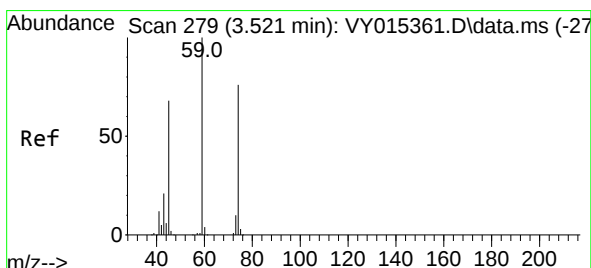
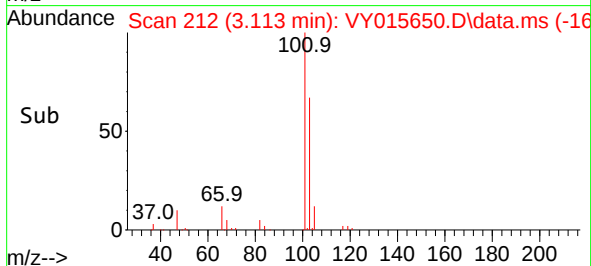
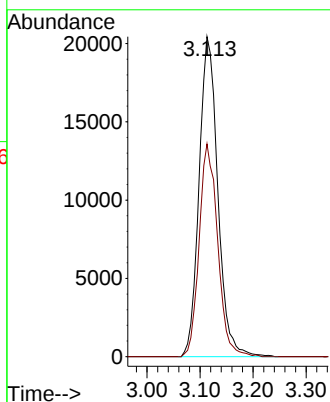
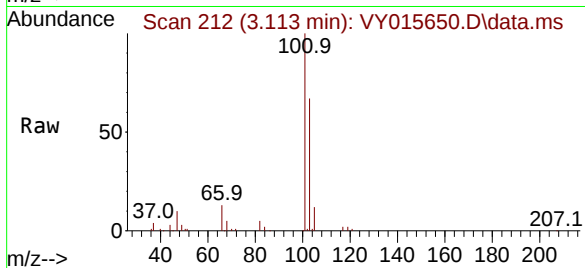
#7
Trichlorofluoromethane
Concen: 20.224 ug/l
RT: 3.113 min Scan# 212
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
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ClientSampleId :
VY0920SBS01

Tgt Ion:101 Resp: 50219
Ion Ratio Lower Upper
101 100
103 66.5 51.4 77.0

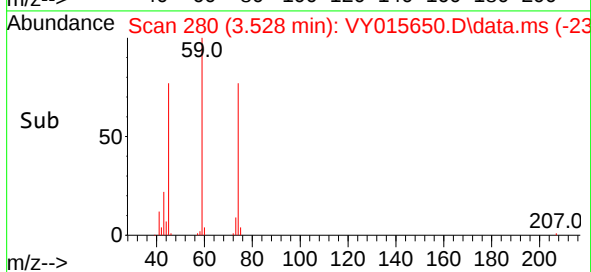
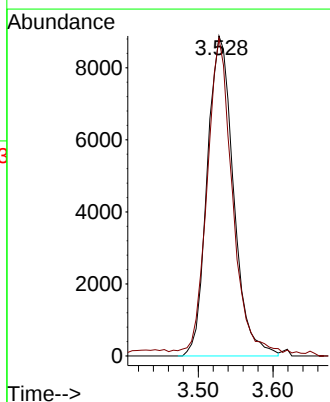
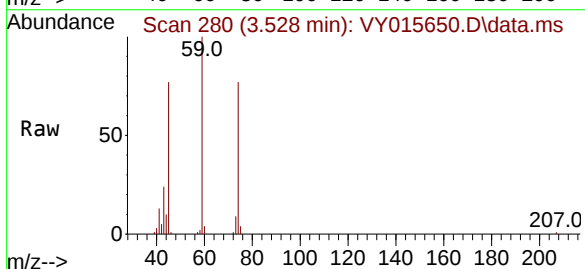
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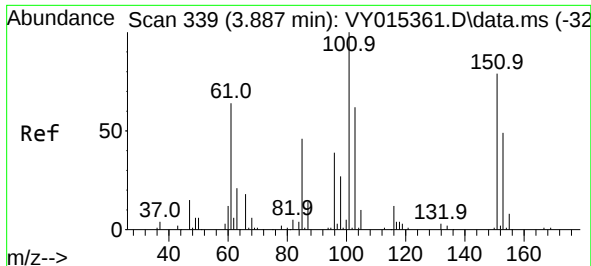
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#8
Diethyl Ether
Concen: 20.558 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.007 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 74 Resp: 21770
Ion Ratio Lower Upper
74 100
45 94.0 51.5 154.5





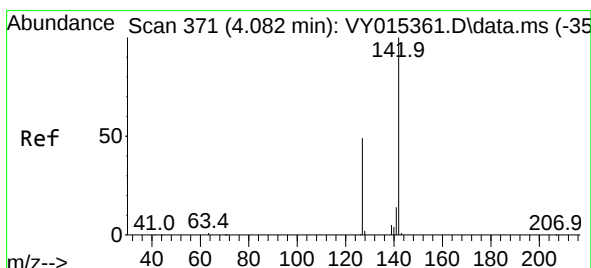
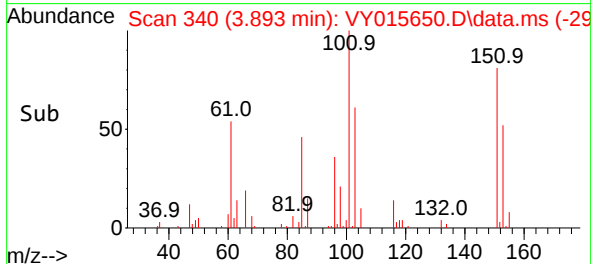
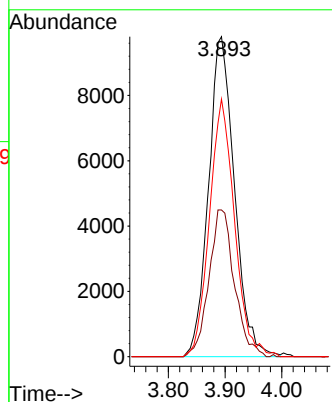
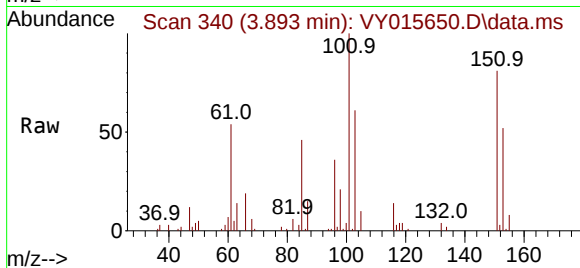
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.015 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion:101 Resp: 31119
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 77.9 67.0 100.6

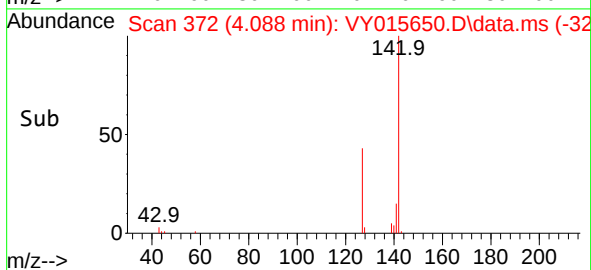
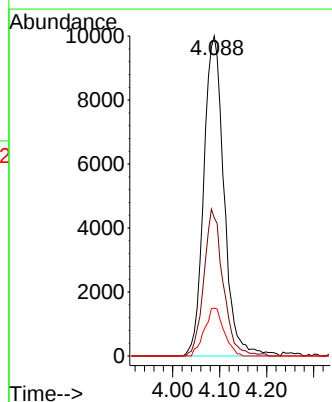
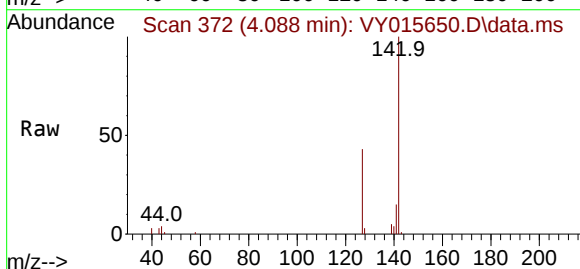
Manual Integrations
APPROVED

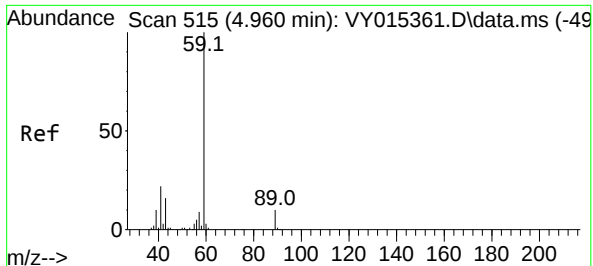
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#10
Methyl Iodide
Concen: 18.165 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

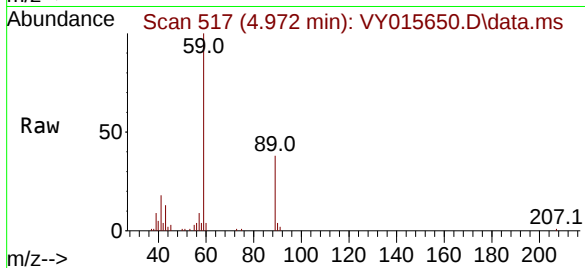
Tgt Ion:142 Resp: 29850
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 14.4 11.8 17.8





#11
Tert butyl alcohol
Concen: 179.201 ug/l m
RT: 4.972 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

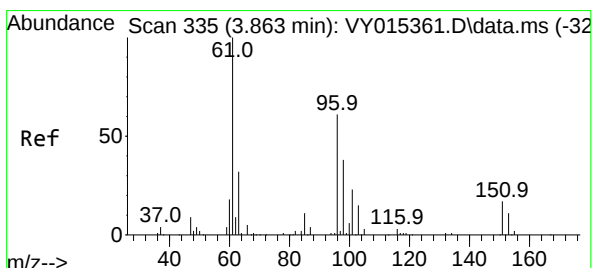
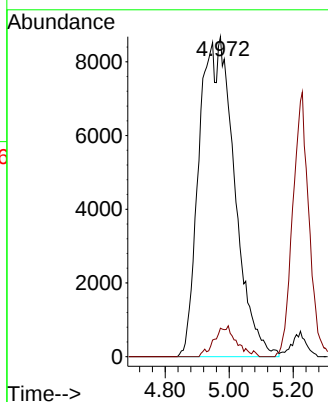
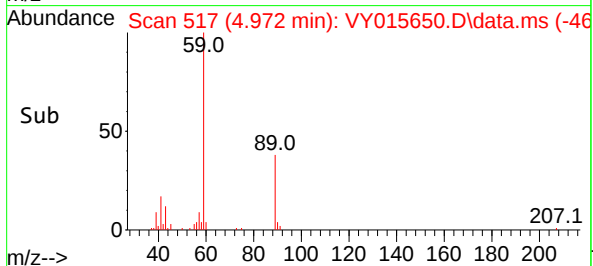
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBSD01



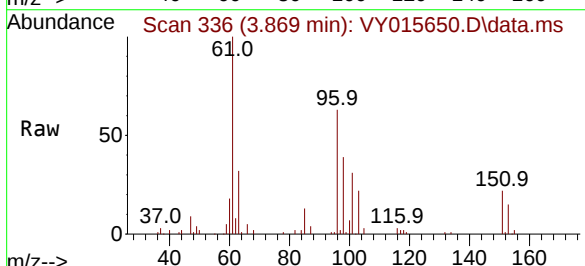
Tgt Ion: 59 Resp: 66460
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4

Manual Integrations
APPROVED

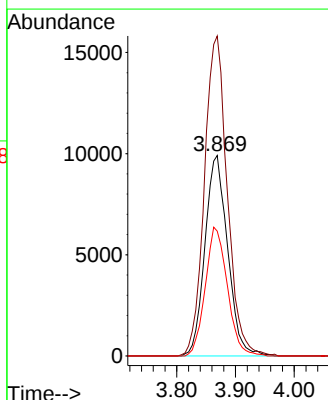
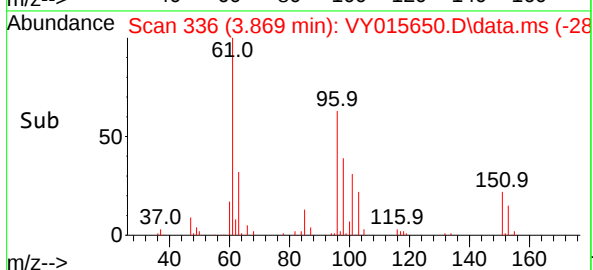
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

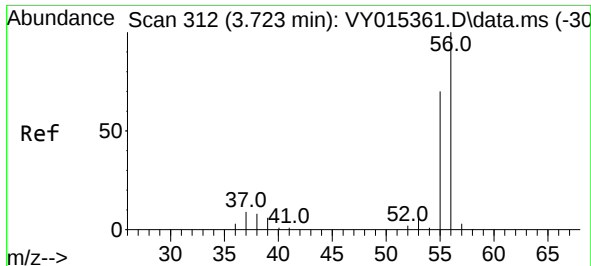


#12
1,1-Dichloroethene
Concen: 19.438 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20



Tgt Ion: 96 Resp: 26630
Ion Ratio Lower Upper
96 100
61 159.7 136.4 204.6
98 62.2 49.4 74.2





#13

Acrolein

Concen: 96.540 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tgt Ion: 56 Resp: 2533

Ion Ratio Lower Upper

56 100

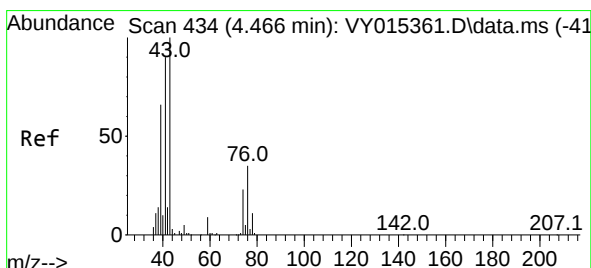
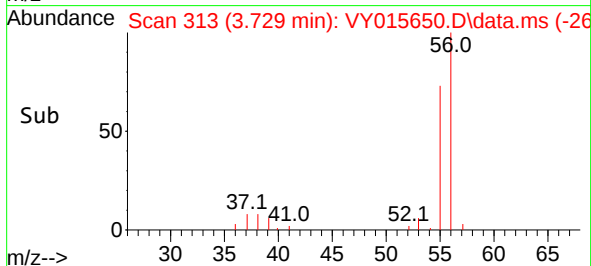
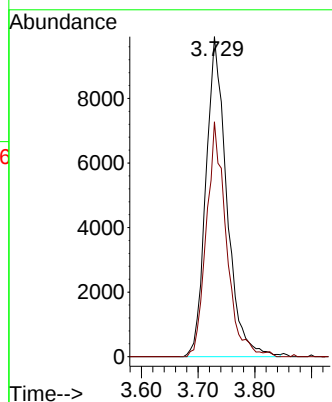
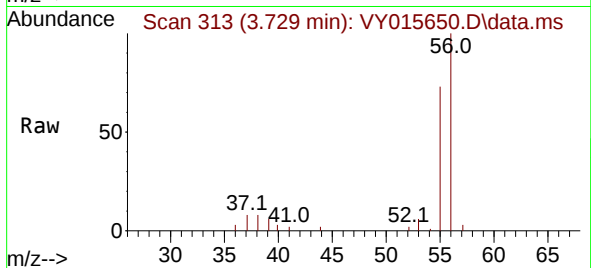
55 70.1 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023

Supervised By :Semsettin Yesilyurt 09/21/2023



#14

Allyl chloride

Concen: 19.732 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.007 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

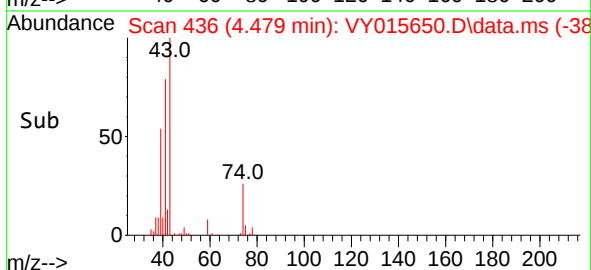
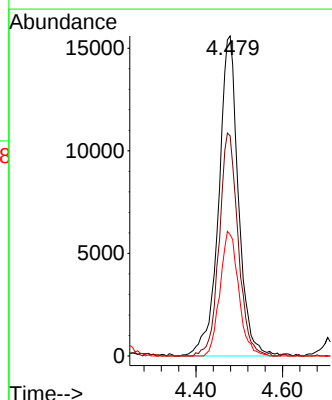
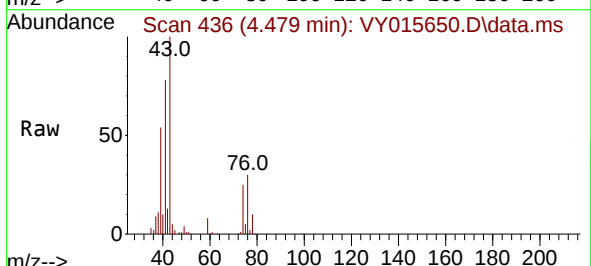
Tgt Ion: 41 Resp: 49427

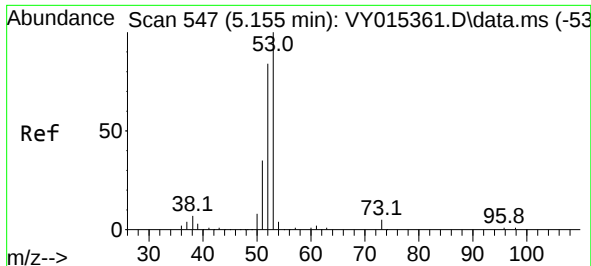
Ion Ratio Lower Upper

41 100

39 67.0 58.0 87.0

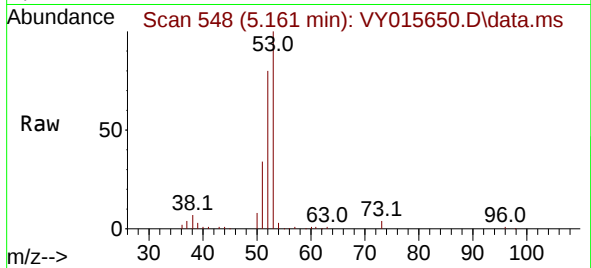
76 36.9 27.4 41.2





#15
Acrylonitrile
Concen: 105.905 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

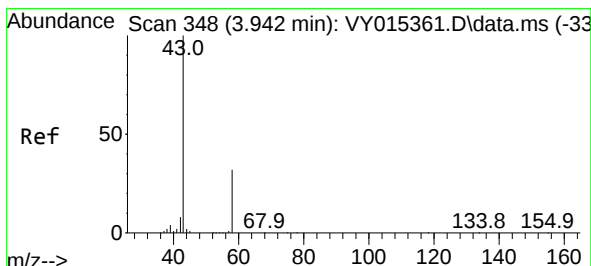
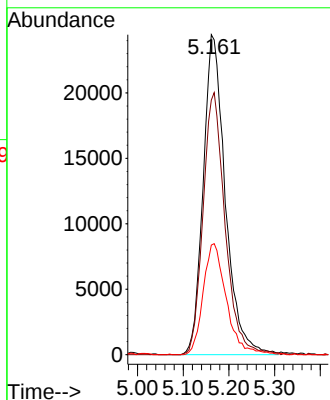
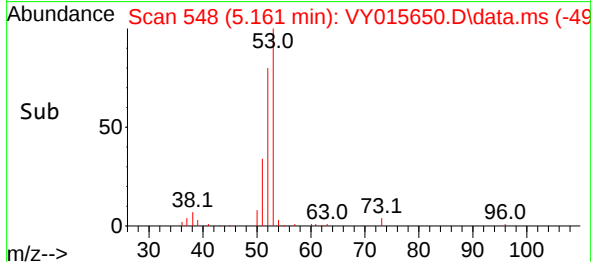
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 53 Resp: 82269
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 36.4 29.8 44.6

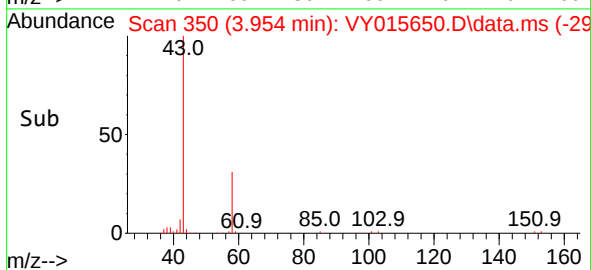
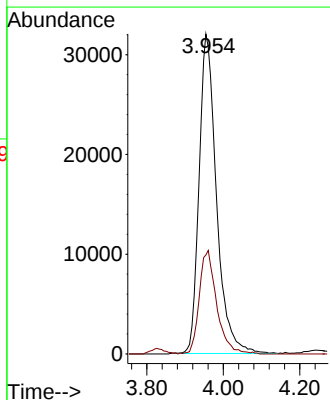
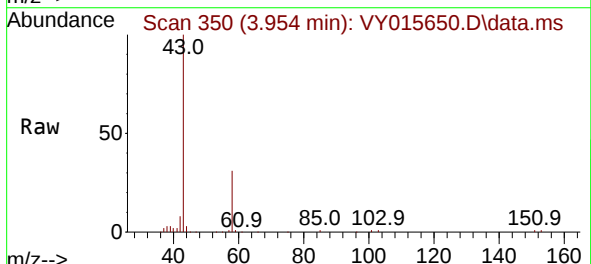
Manual Integrations
APPROVED

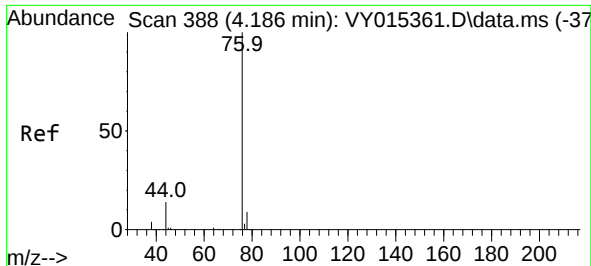
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#16
Acetone
Concen: 110.073 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 43 Resp: 100932
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1





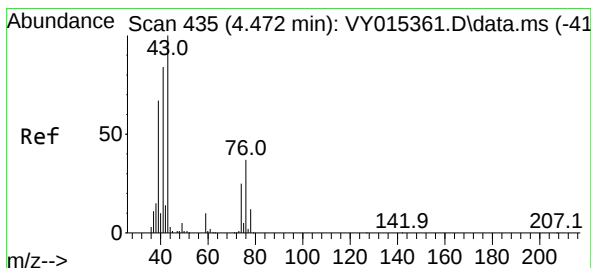
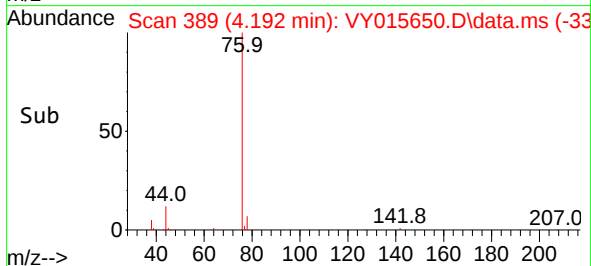
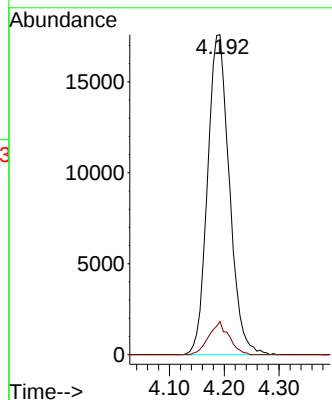
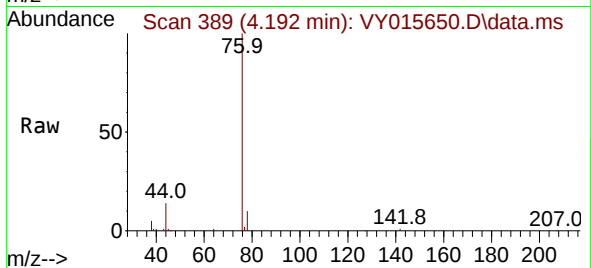
#17
Carbon Disulfide
Concen: 18.245 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBSD01

Tgt Ion: 76 Resp: 4855
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4

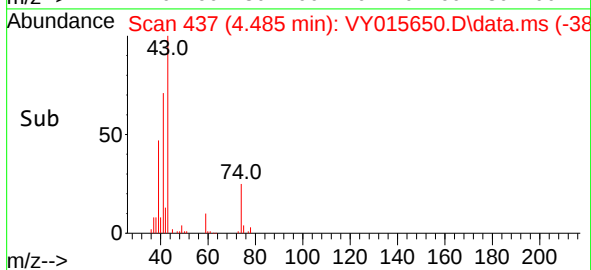
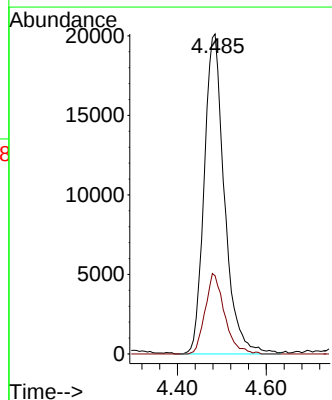
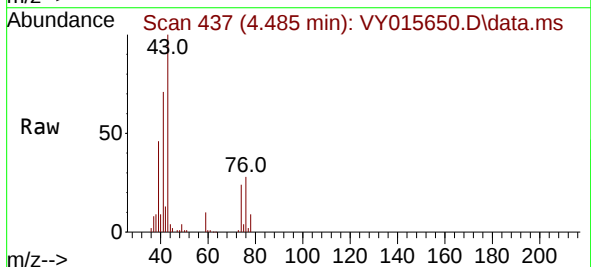
Manual Integrations
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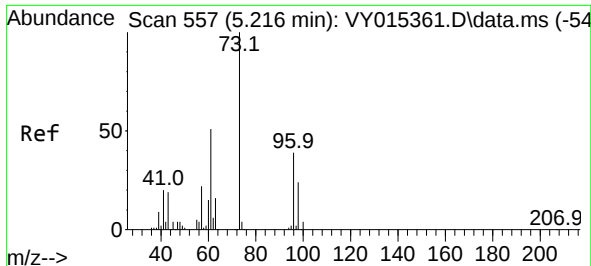
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#18
Methyl Acetate
Concen: 20.727 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

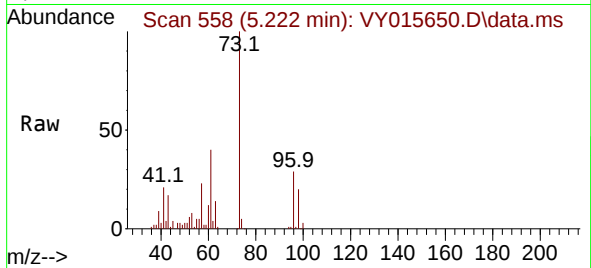
Tgt Ion: 43 Resp: 63769
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 20.420 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

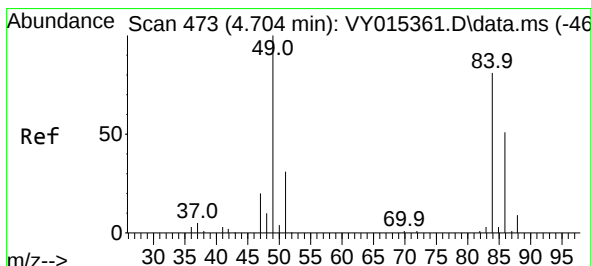
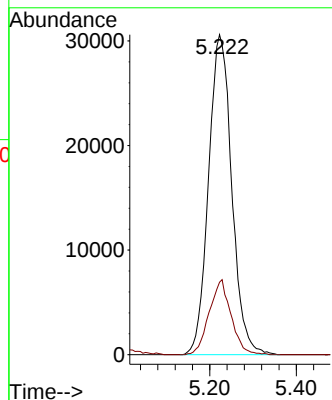
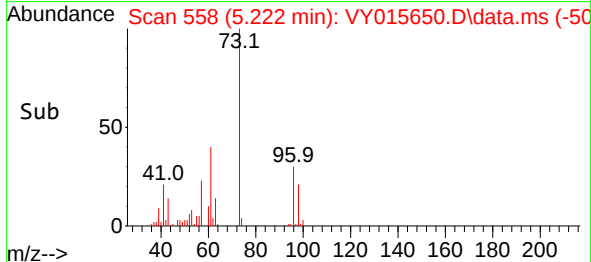
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBSD01



Tgt Ion: 73 Resp: 11394
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

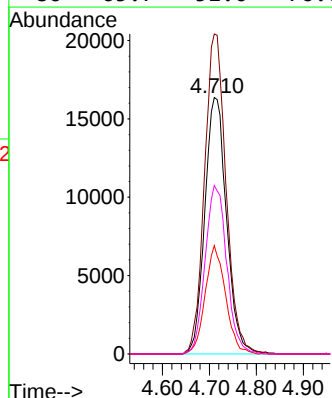
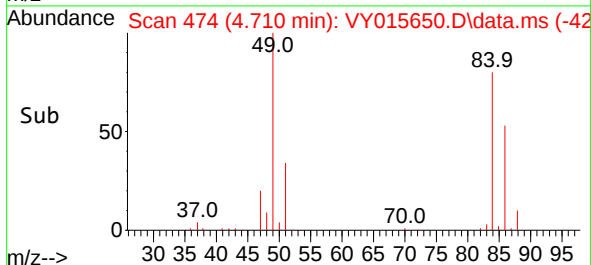
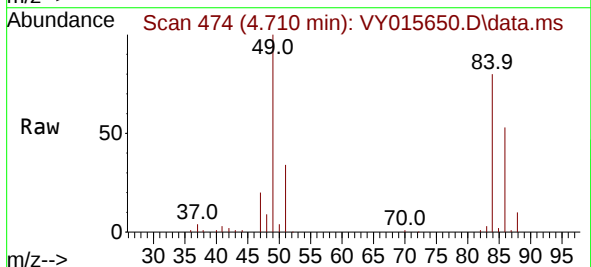
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#20
Methylene Chloride
Concen: 23.649 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

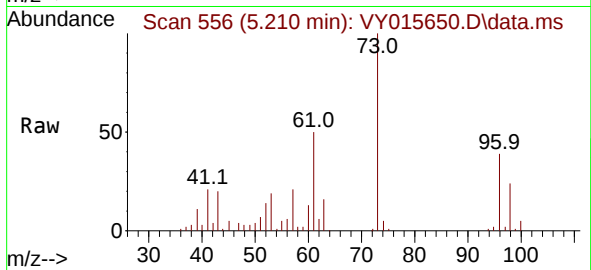
Tgt Ion: 84 Resp: 52613
Ion Ratio Lower Upper
84 100
49 124.8 106.9 160.3
51 42.3 33.2 49.8
86 65.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.958 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

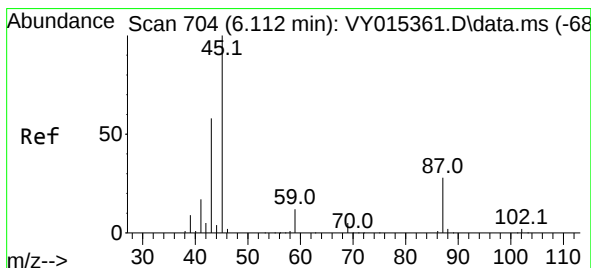
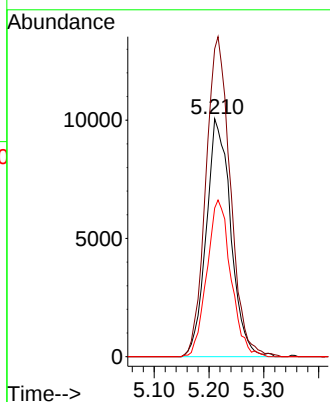
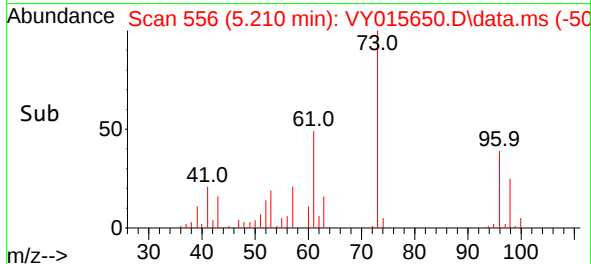
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



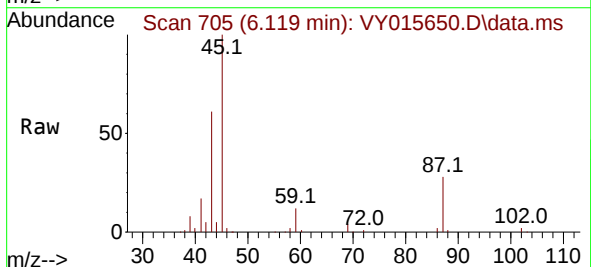
Tgt Ion: 96 Resp: 3125
Ion Ratio Lower Upper
96 100
61 129.4 110.2 165.4
98 62.5 51.8 77.6

Manual Integrations
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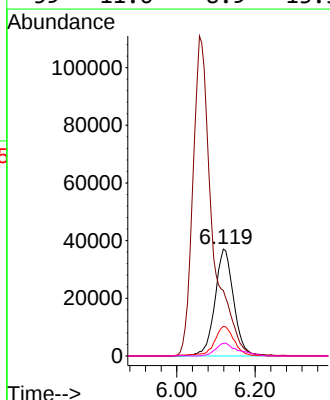
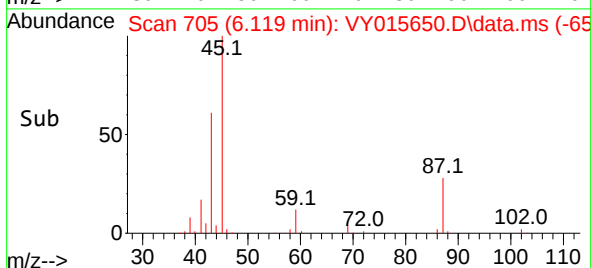
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

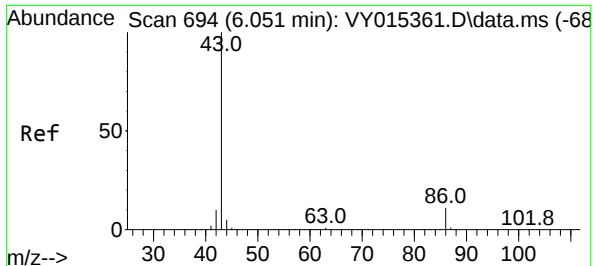


#22
Diisopropyl ether
Concen: 20.477 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20



Tgt Ion: 45 Resp: 123442
Ion Ratio Lower Upper
45 100
43 60.8 52.2 78.4
87 27.7 21.0 31.6
59 11.6 8.9 13.3





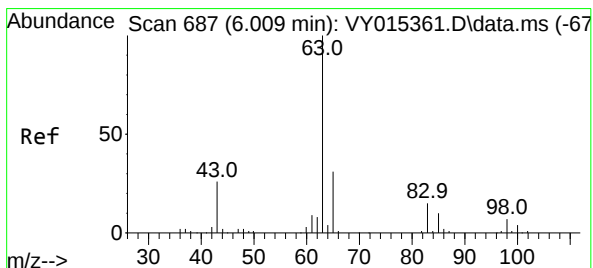
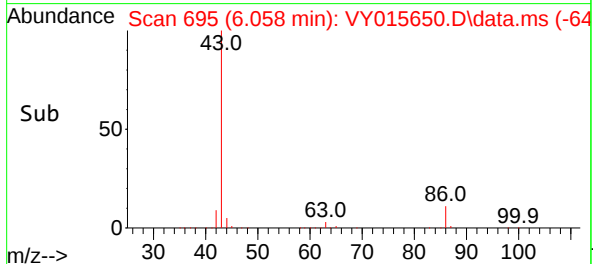
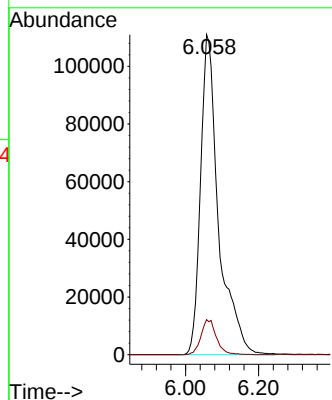
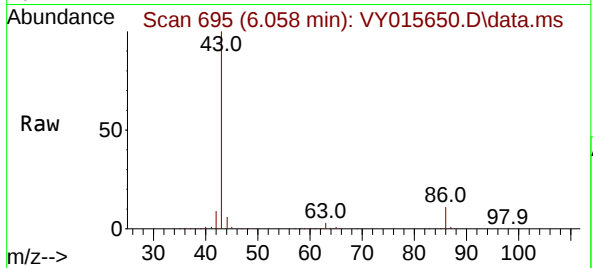
#23
 Vinyl Acetate
 Concen: 102.370 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.007 min
 Lab File: VY015650.D
 Acq: 20 Sep 2023 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tgt Ion: 43 Resp: 38090
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3

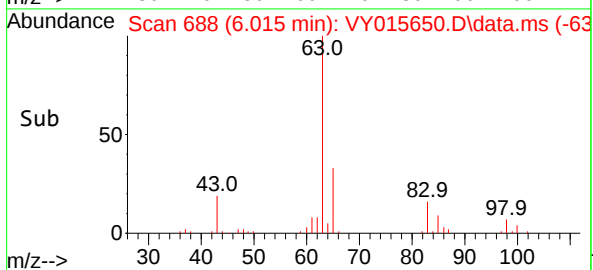
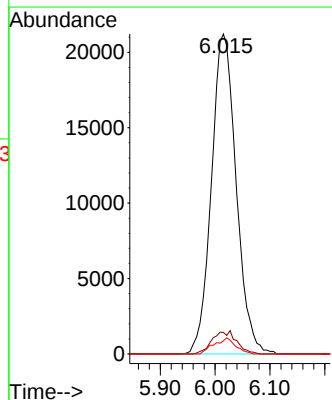
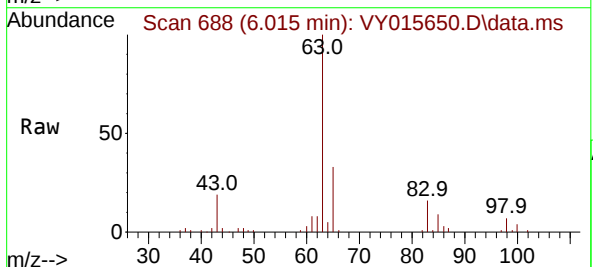
Manual Integrations
 APPROVED

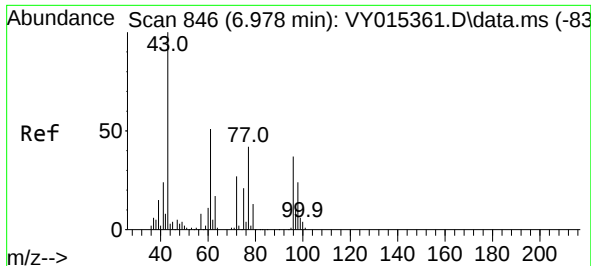
Reviewed By :Mahesh Dadoda 09/21/2023
 Supervised By :Semsettin Yesilyurt 09/21/2023



#24
 1,1-Dichloroethane
 Concen: 20.249 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015650.D
 Acq: 20 Sep 2023 11:20

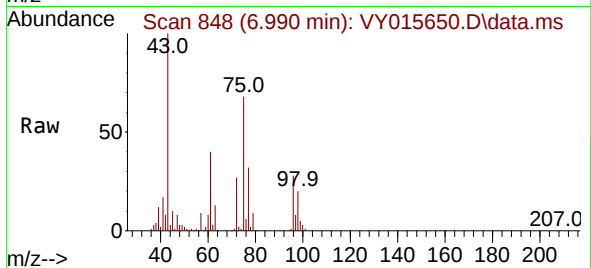
Tgt Ion: 63 Resp: 66535
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.1 1.8 5.5





#25
2-Butanone
Concen: 109.678 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

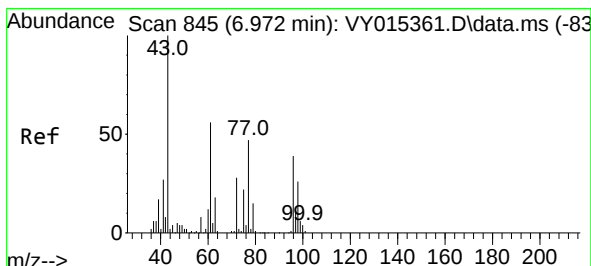
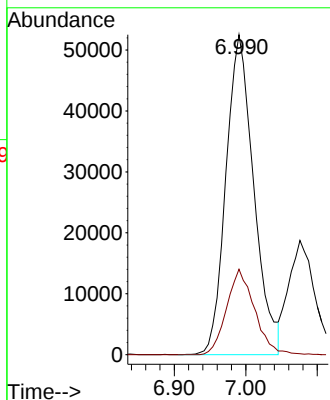
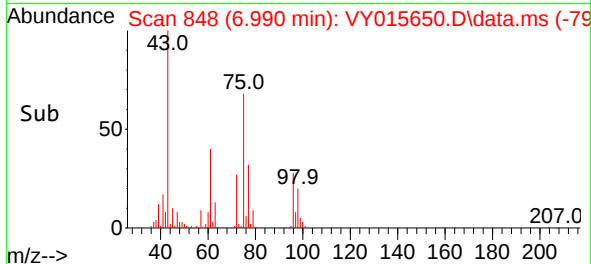
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 43 Resp: 14215
Ion Ratio Lower Upper
43 100
72 26.7 20.5 30.7

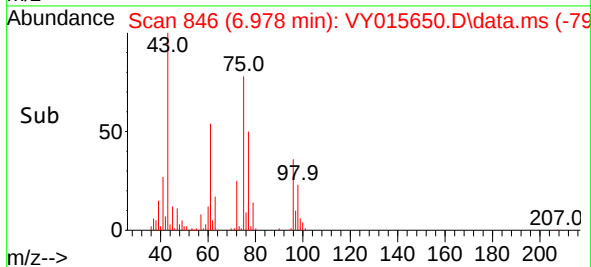
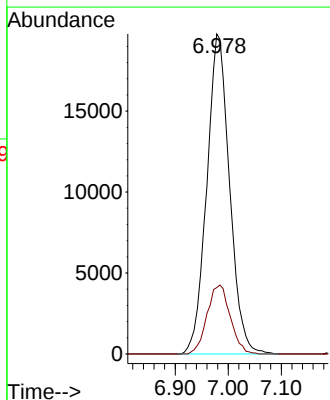
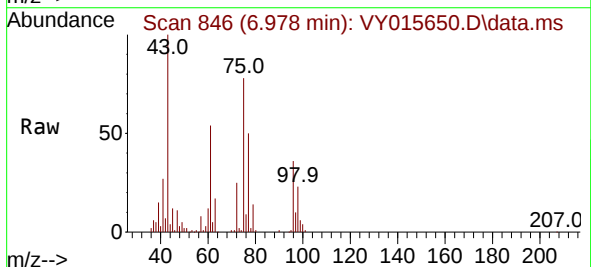
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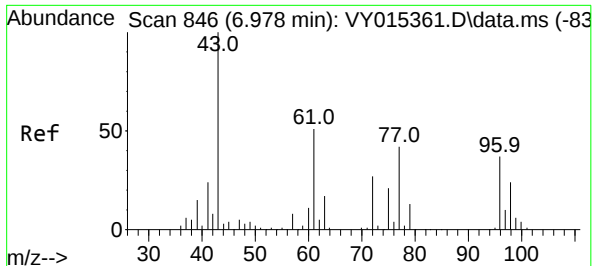
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#26
2,2-Dichloropropane
Concen: 19.635 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 77 Resp: 58967
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.114 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015650.D

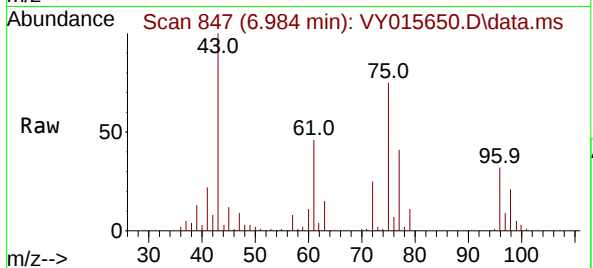
Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

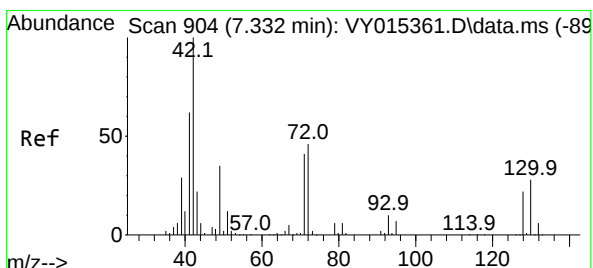
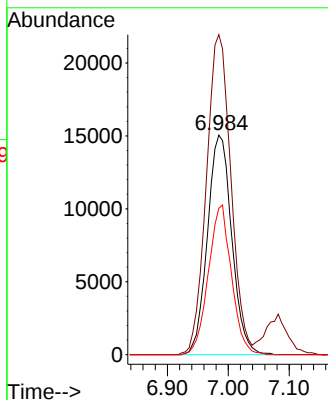
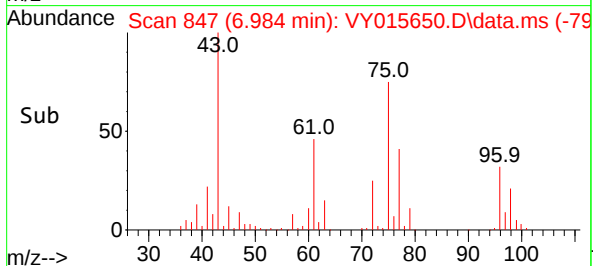


Tgt Ion:	96	Resp:	4181
Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	301.4
98	64.7	0.0	130.4

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Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#28

Bromochloromethane

Concen: 18.952 ug/l

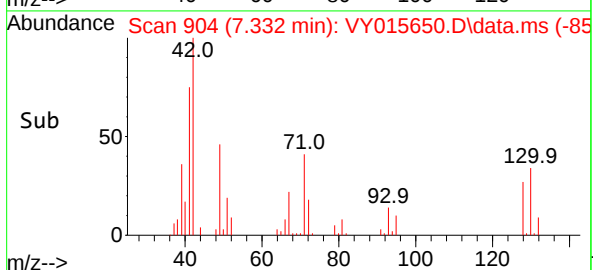
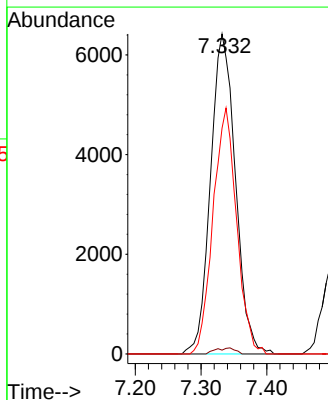
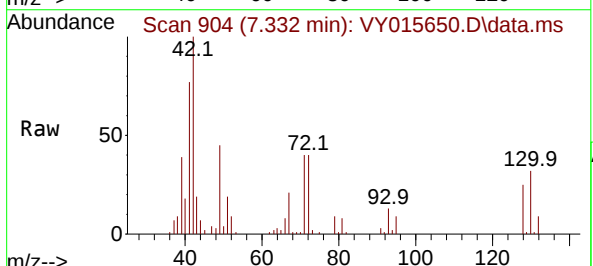
RT: 7.332 min Scan# 904

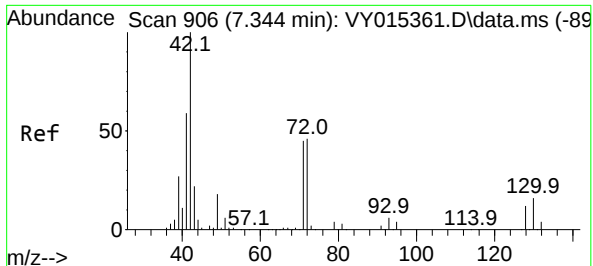
Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Tgt Ion:	49	Resp:	16895
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.6
130	72.8	60.7	91.1





#29

Tetrahydrofuran

Concen: 106.317 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tgt Ion: 42 Resp: 7788

Ion Ratio Lower Upper

42 100

72 43.2 32.8 49.2

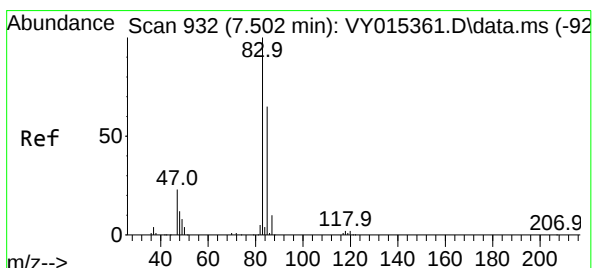
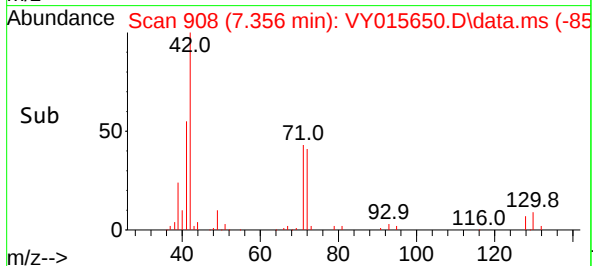
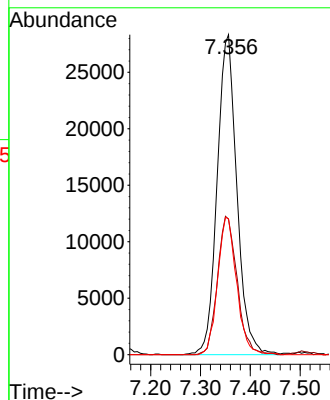
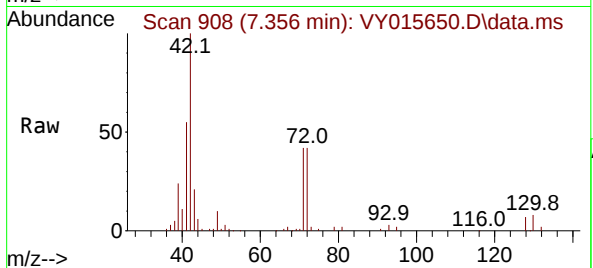
71 41.2 31.0 46.4

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Reviewed By :Mahesh Dadoda 09/21/2023

Supervised By :Semsettin Yesilyurt 09/21/2023



#30

Chloroform

Concen: 20.526 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.013 min

Lab File: VY015650.D

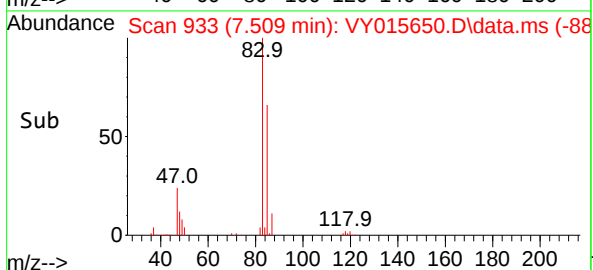
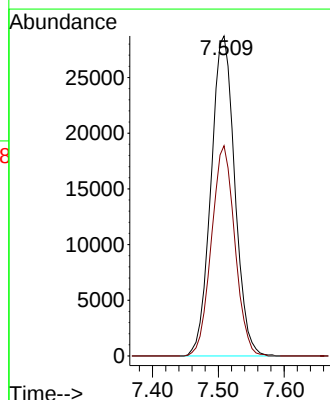
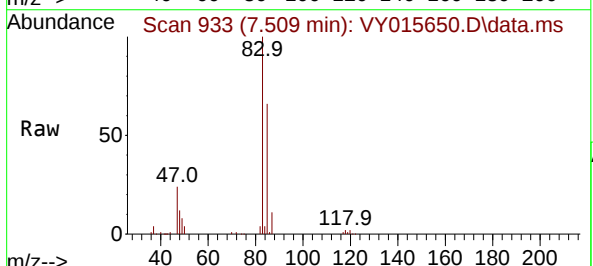
Acq: 20 Sep 2023 11:20

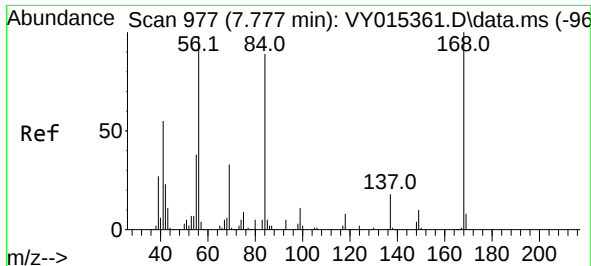
Tgt Ion: 83 Resp: 72227

Ion Ratio Lower Upper

83 100

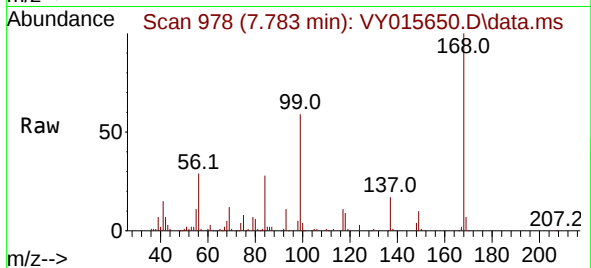
85 65.7 49.7 74.5





#31
Cyclohexane
Concen: 19.629 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

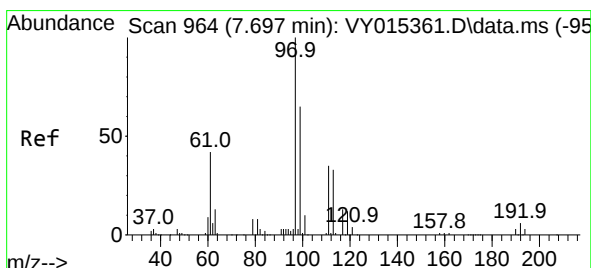
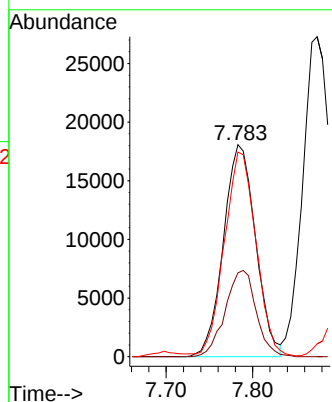
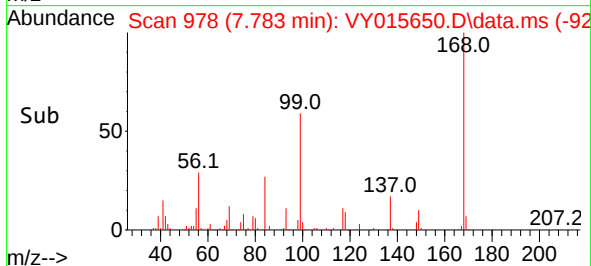
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 56 Resp: 46592
Ion Ratio Lower Upper
56 100
69 39.5 27.8 41.6
84 95.2 66.4 99.6

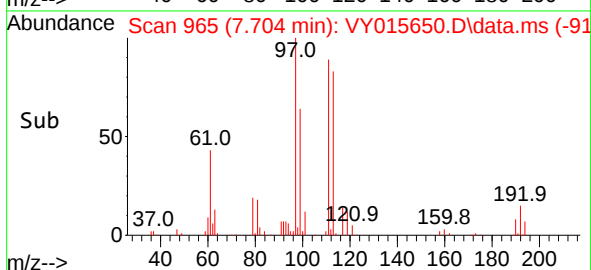
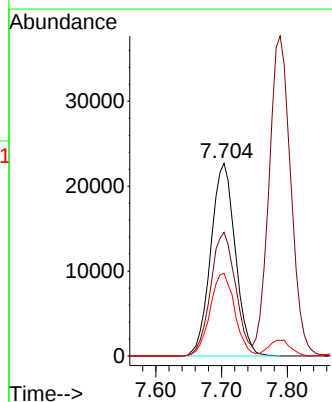
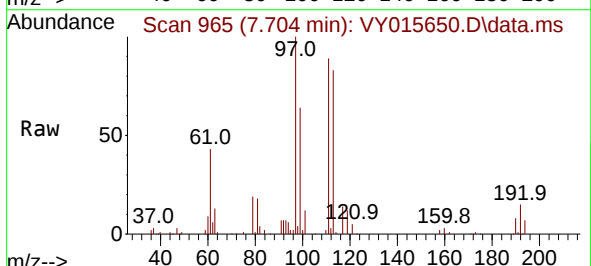
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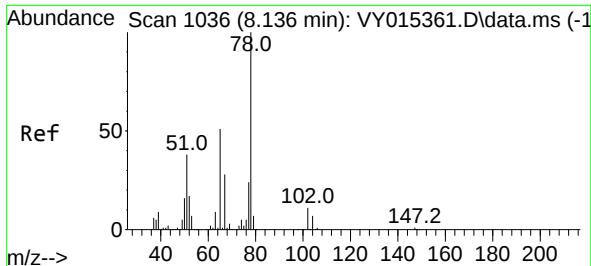
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#32
1,1,1-Trichloroethane
Concen: 20.276 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.013 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 97 Resp: 58900
Ion Ratio Lower Upper
97 100
99 65.5 50.8 76.2
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 44.675 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tgt Ion: 65 Resp: 76548

Ion Ratio Lower Upper

65 100

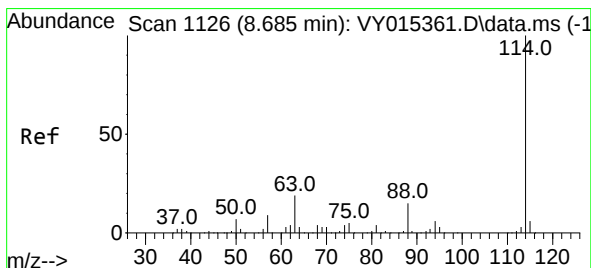
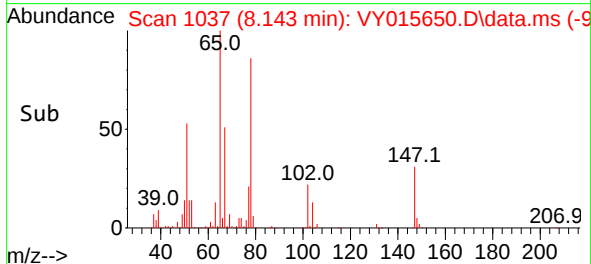
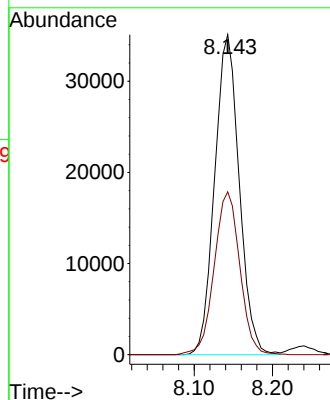
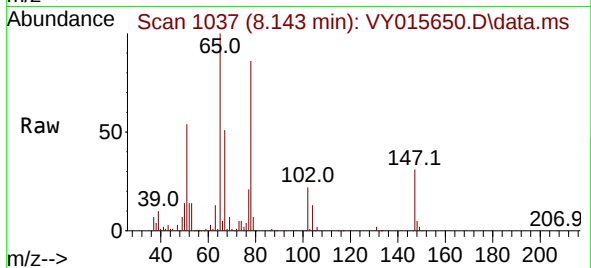
67 53.0 0.0 101.8

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Reviewed By :Mahesh Dadoda 09/21/2023

Supervised By :Semsettin Yesilyurt 09/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

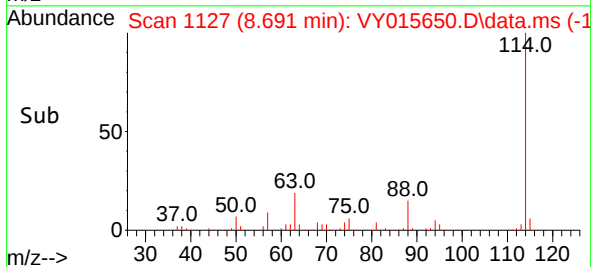
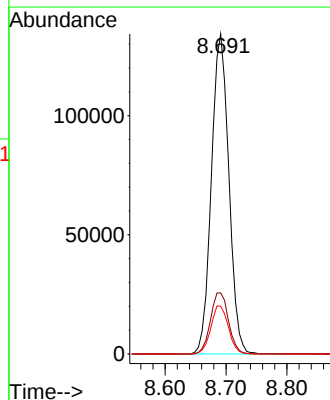
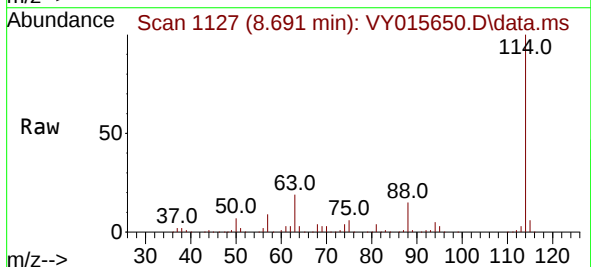
Tgt Ion:114 Resp: 266591

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

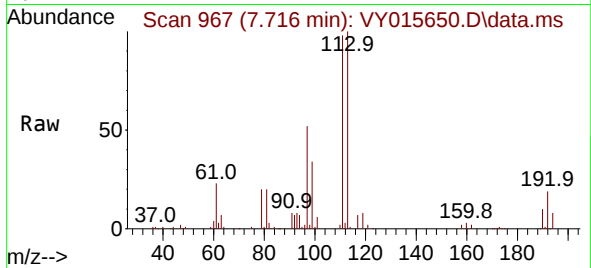
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 45.089 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

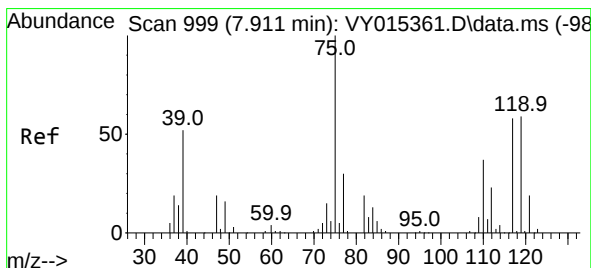
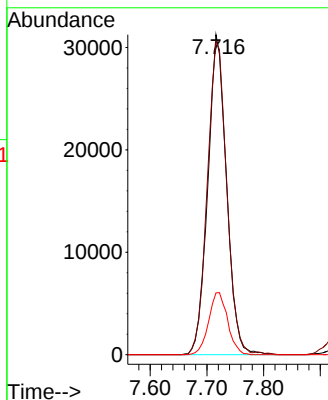
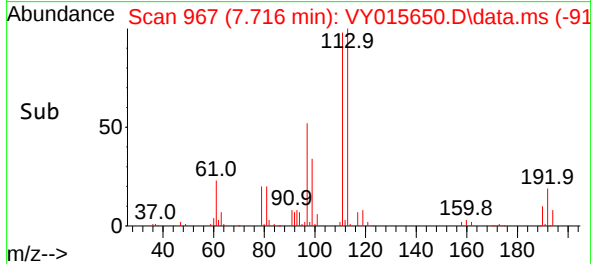
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion:113 Resp: 7194
Ion Ratio Lower Upper
113 100
111 100.7 81.3 121.9
192 19.6 16.9 25.3

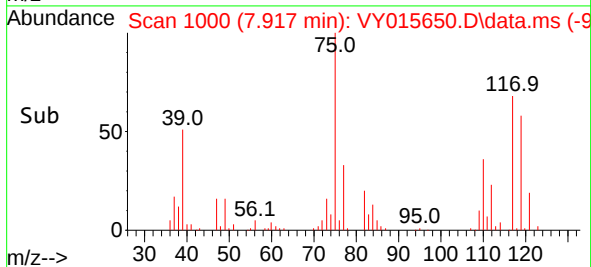
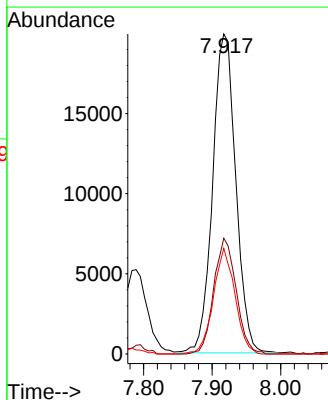
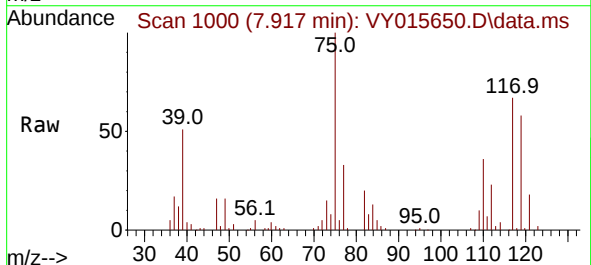
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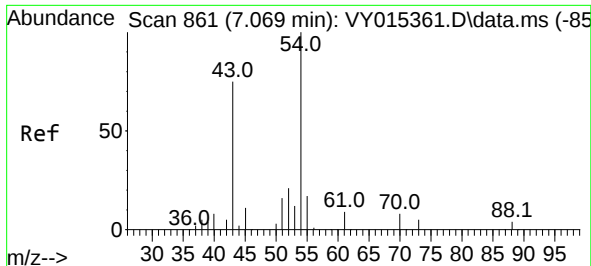
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#36
1,1-Dichloropropene
Concen: 19.744 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 75 Resp: 46582
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.5
77 31.0 24.4 36.6





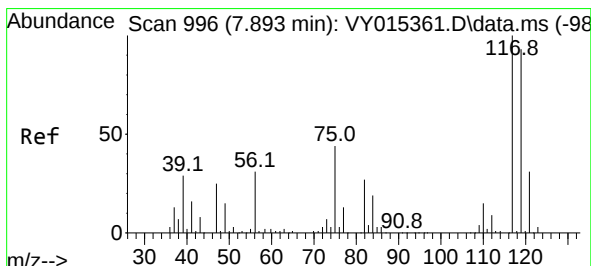
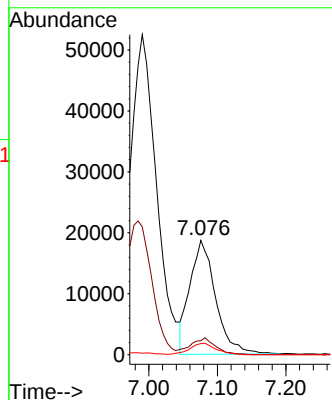
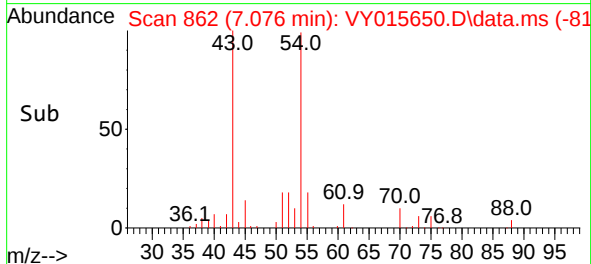
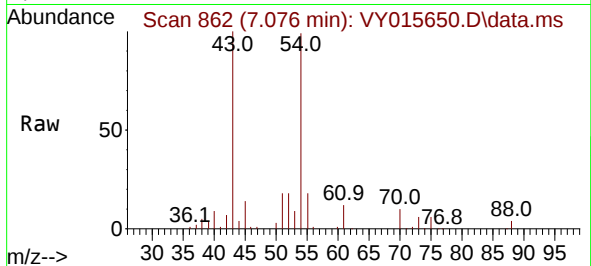
#37
Ethyl Acetate
Concen: 20.768 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.013 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion: 43 Resp: 4887
Ion Ratio Lower Upper
43 100
61 14.5 10.1 15.1
70 10.1 7.1 10.7

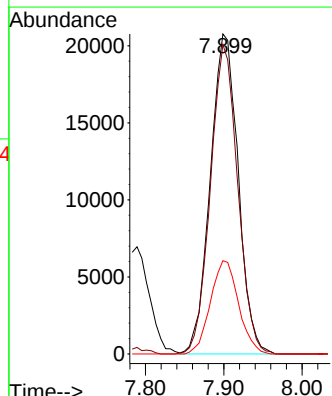
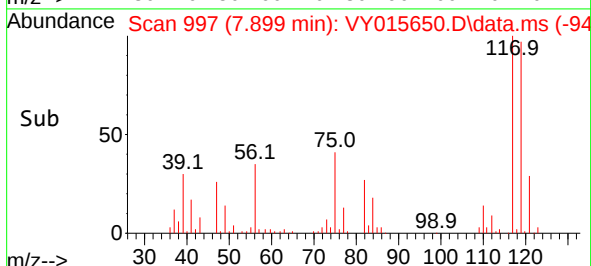
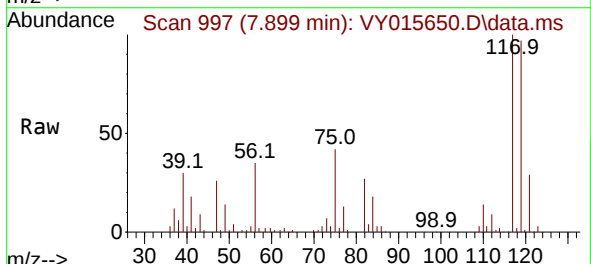
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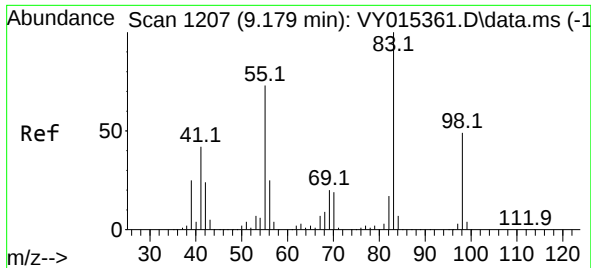
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#38
Carbon Tetrachloride
Concen: 20.107 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

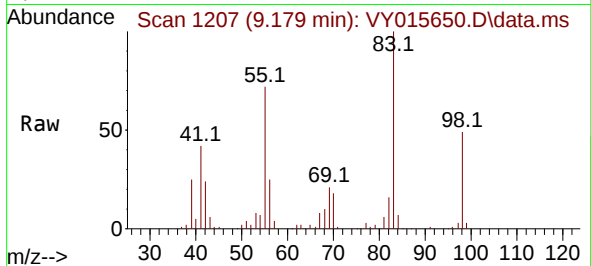
Tgt Ion:117 Resp: 51492
Ion Ratio Lower Upper
117 100
119 96.7 76.4 114.6
121 29.2 25.8 38.6





#39
Methylcyclohexane
Concen: 19.181 ug/l
RT: 9.179 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

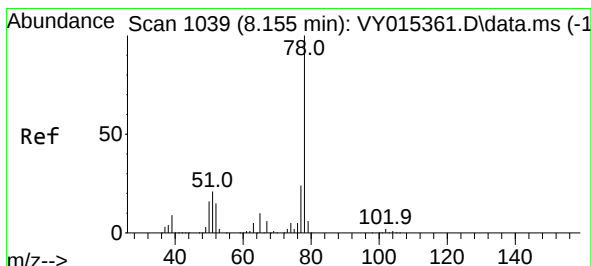
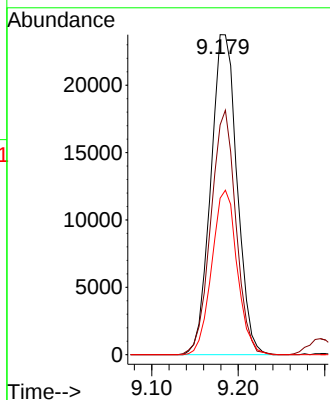
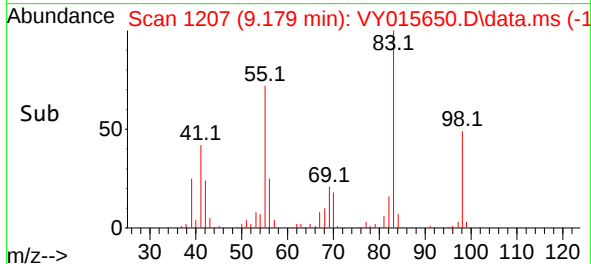
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 83 Resp: 50052
Ion Ratio Lower Upper
83 100
55 71.8 63.0 94.4
98 48.9 37.4 56.2

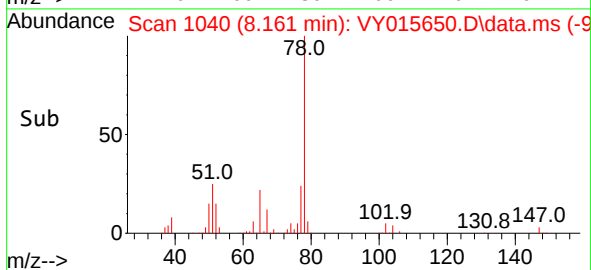
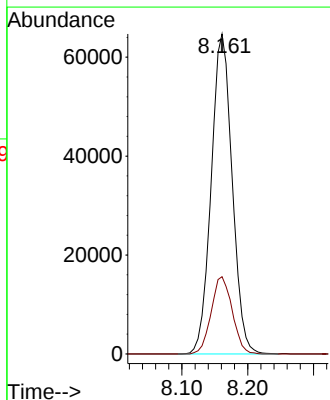
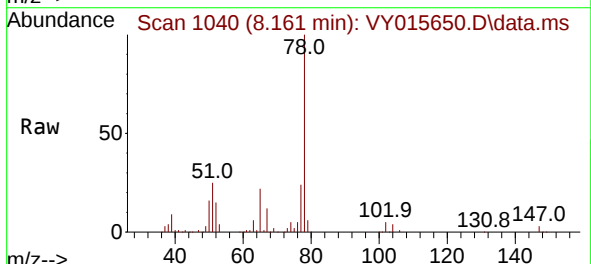
Manual Integrations
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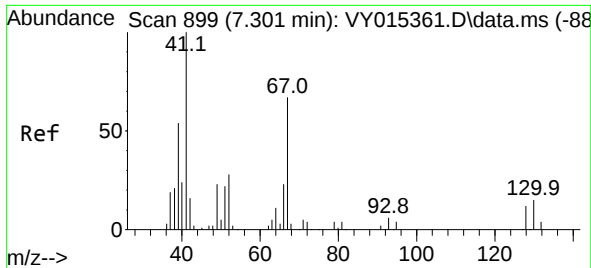
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#40
Benzene
Concen: 19.941 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

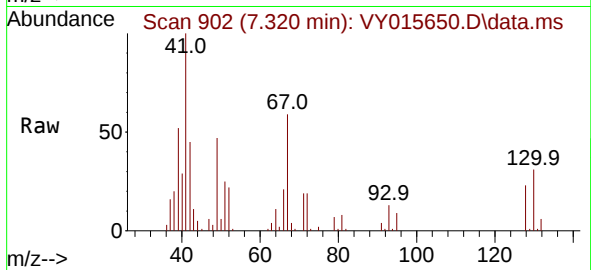
Tgt Ion: 78 Resp: 143474
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6





#41
Methacrylonitrile
Concen: 19.647 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

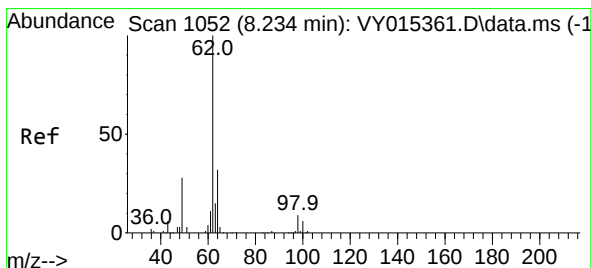
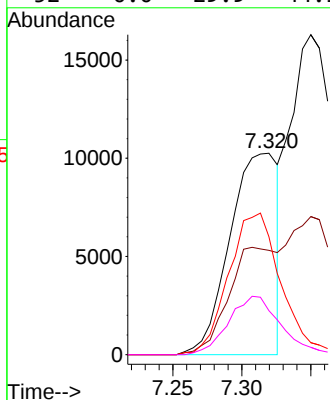
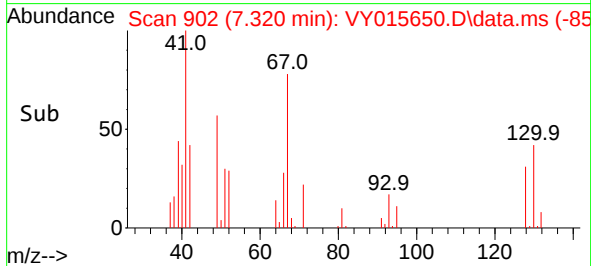
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion: 41 Resp: 2489
Ion Ratio Lower Upper
41 100
39 67.4 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

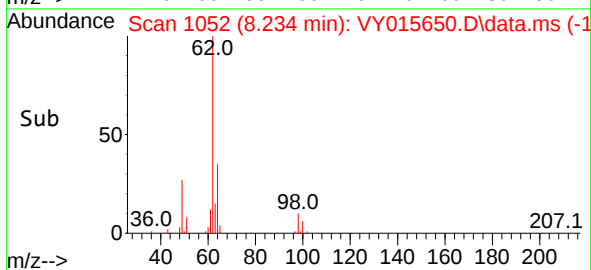
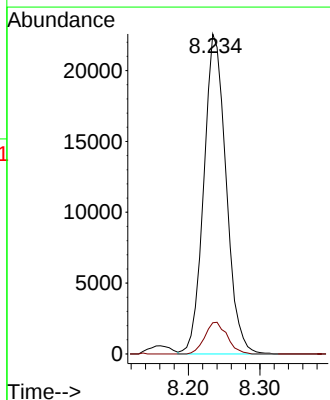
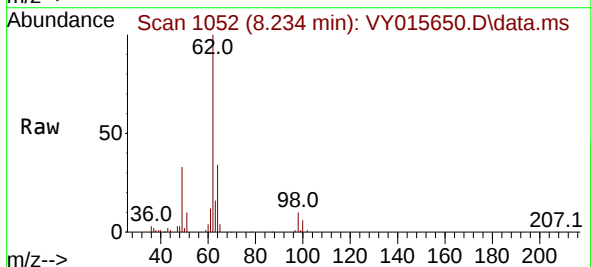
Manual Integrations
APPROVED

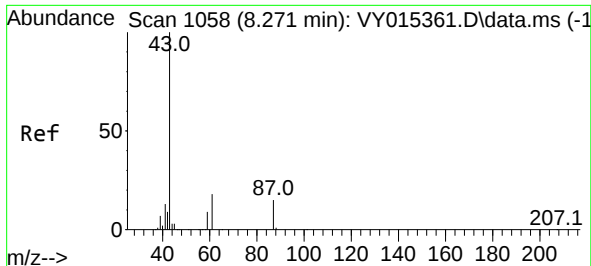
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#42
1,2-Dichloroethane
Concen: 19.860 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

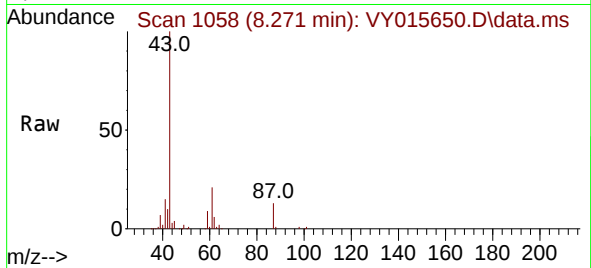
Tgt Ion: 62 Resp: 48936
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.507 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

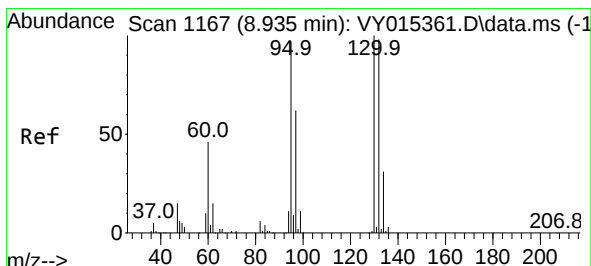
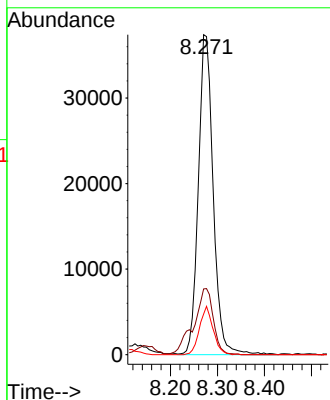
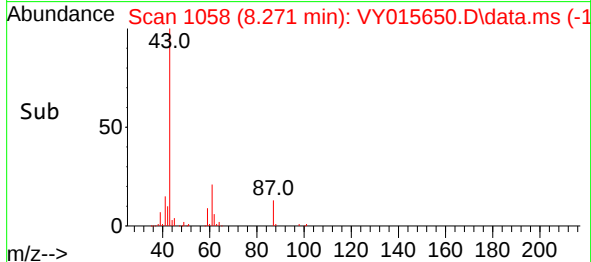
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



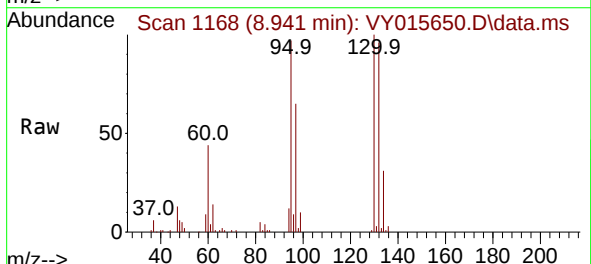
Tgt Ion: 43 Resp: 82434
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 13.8 9.8 14.8

Manual Integrations
APPROVED

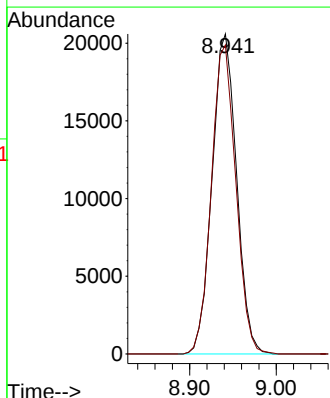
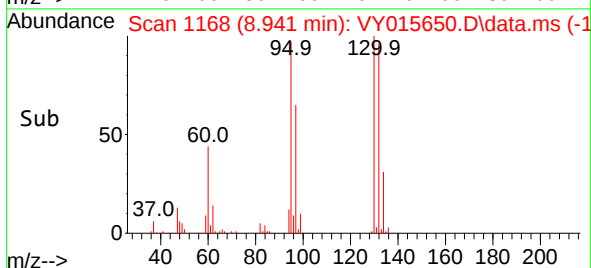
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

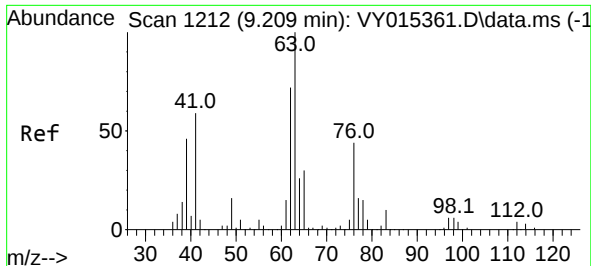


#44
Trichloroethene
Concen: 20.139 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20



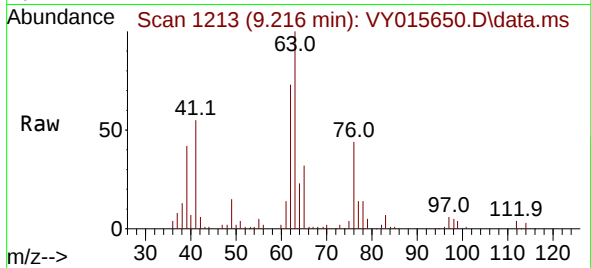
Tgt Ion:130 Resp: 40470
Ion Ratio Lower Upper
130 100
95 96.5 0.0 196.0





#45
1,2-Dichloropropane
Concen: 20.028 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.001 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

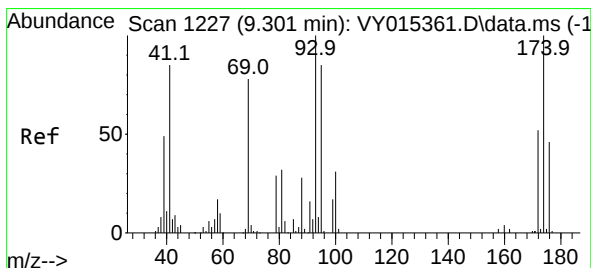
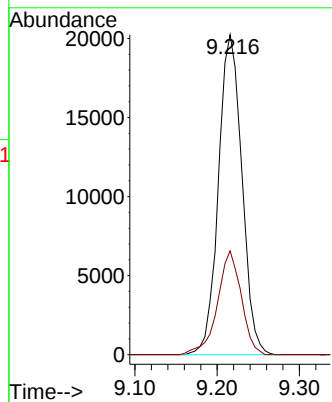
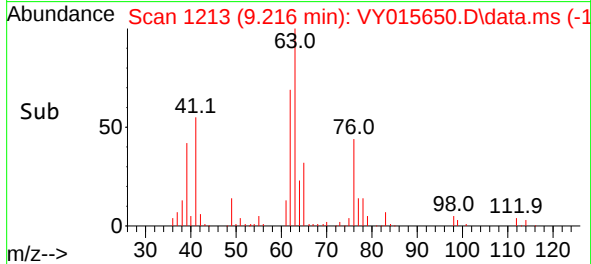
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



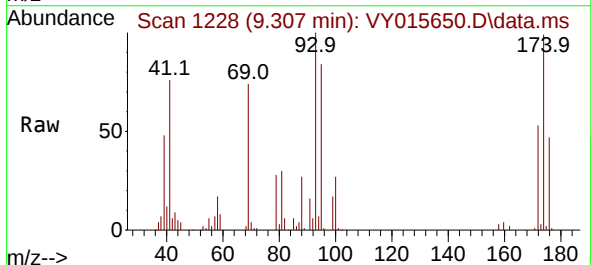
Tgt Ion: 63 Resp: 40184
Ion Ratio Lower Upper
63 100
65 32.5 23.8 35.6

Manual Integrations
APPROVED

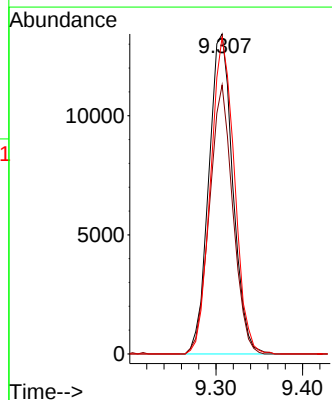
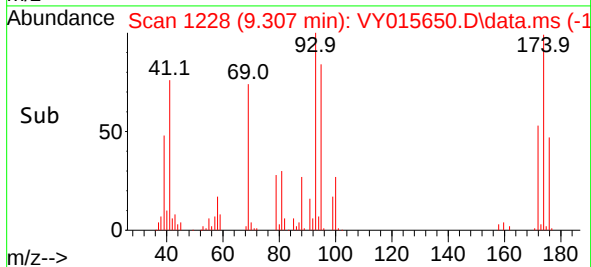
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

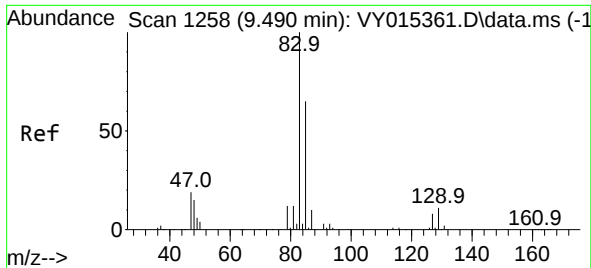


#46
Dibromomethane
Concen: 20.162 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20



Tgt Ion: 93 Resp: 25877
Ion Ratio Lower Upper
93 100
95 81.5 66.6 100.0
174 98.2 84.8 127.2





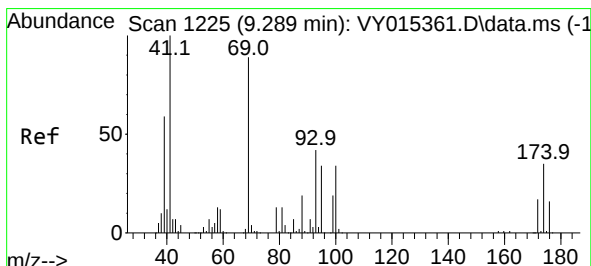
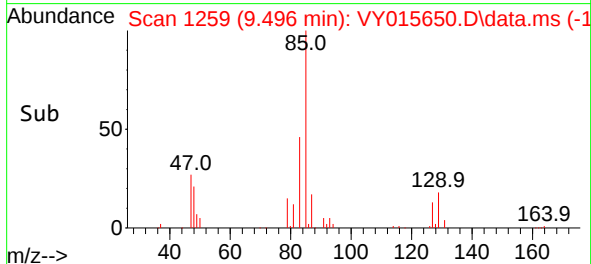
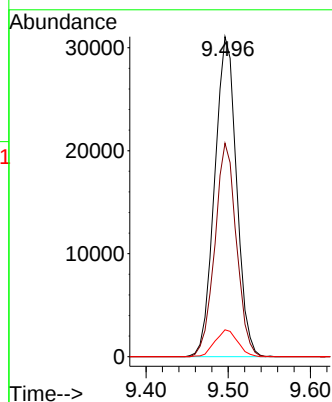
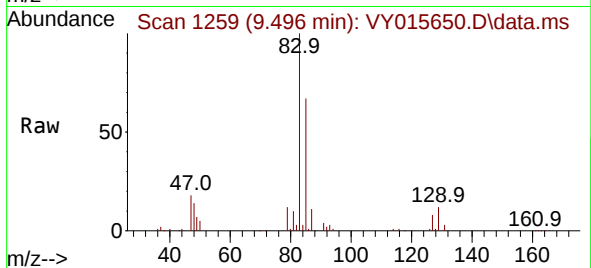
#47
Bromodichloromethane
Concen: 20.065 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion: 83 Resp: 57400
Ion Ratio Lower Upper
83 100
85 66.7 50.1 75.1
127 8.4 7.1 10.7

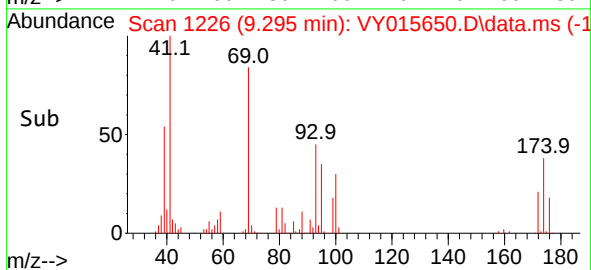
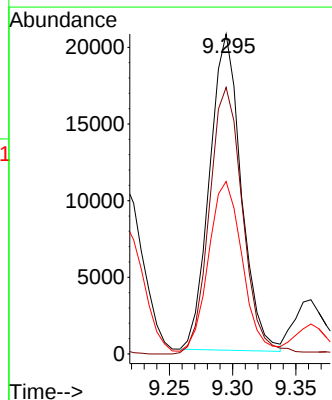
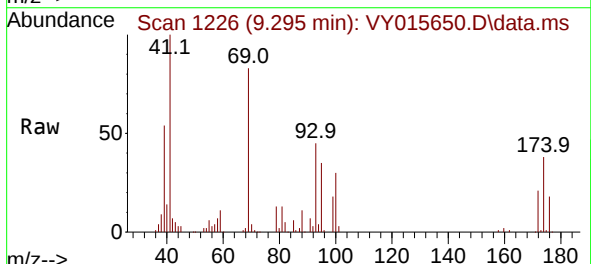
Manual Integrations
APPROVED

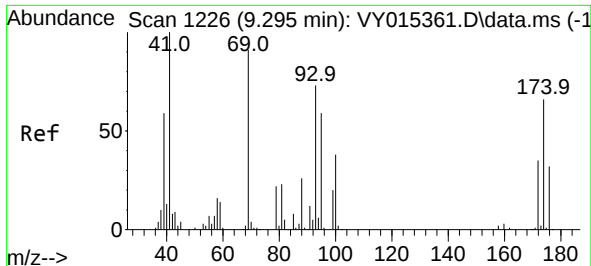
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#48
Methyl methacrylate
Concen: 20.331 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 41 Resp: 35873
Ion Ratio Lower Upper
41 100
69 89.1 64.5 96.7
39 58.4 50.8 76.2





#49

1,4-Dioxane

Concen: 453.081 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.018 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBSD01

Tgt Ion: 88 Resp: 1148

Ion Ratio Lower Upper

88 100

43 21.6 0.0 0.0

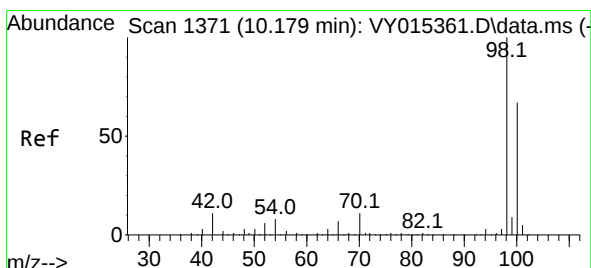
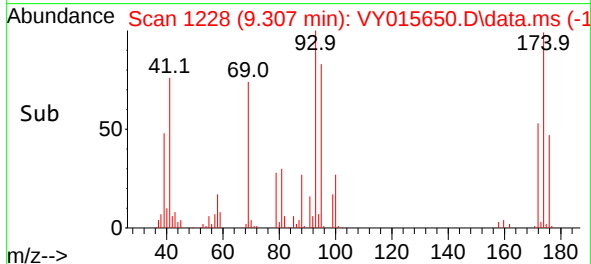
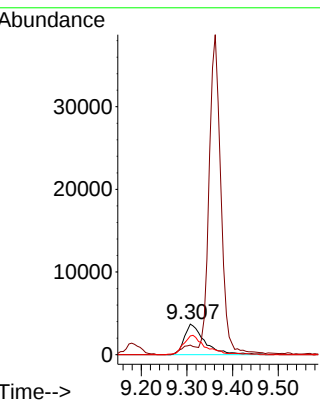
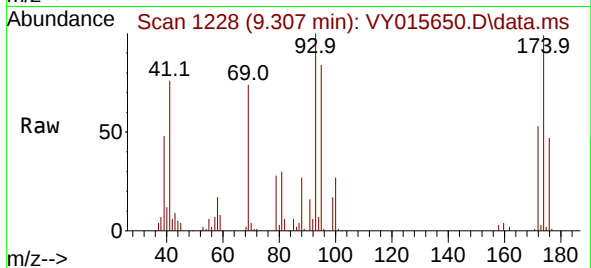
58 64.7 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023

Supervised By :Semsettin Yesilyurt 09/21/2023



#50

Toluene-d8

Concen: 42.608 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015650.D

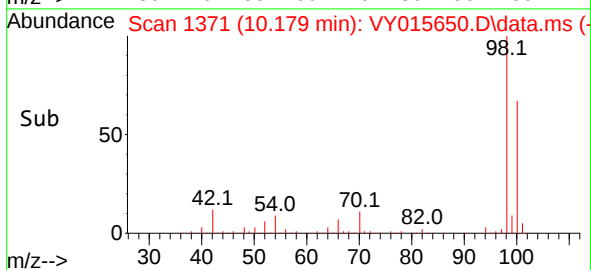
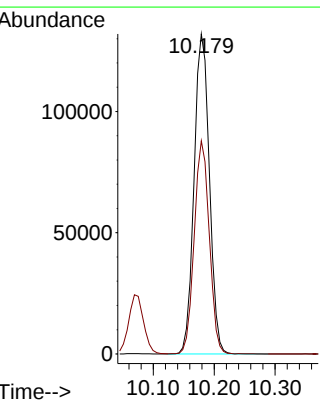
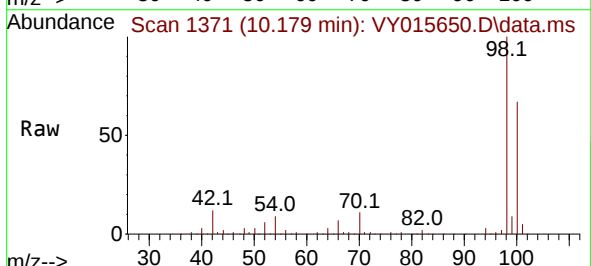
Acq: 20 Sep 2023 11:20

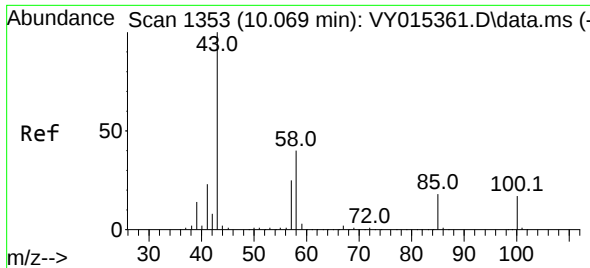
Tgt Ion: 98 Resp: 230519

Ion Ratio Lower Upper

98 100

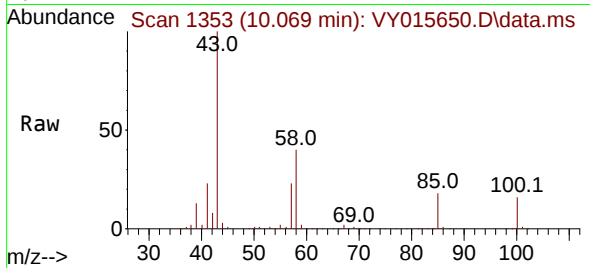
100 65.6 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 105.177 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

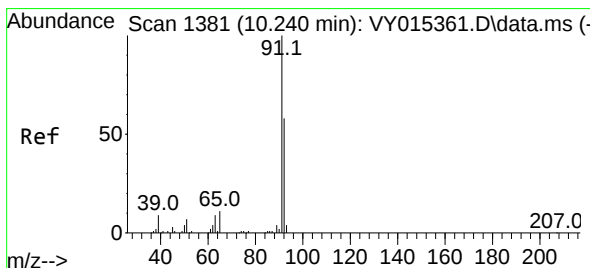
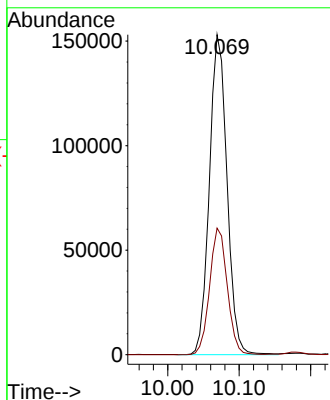
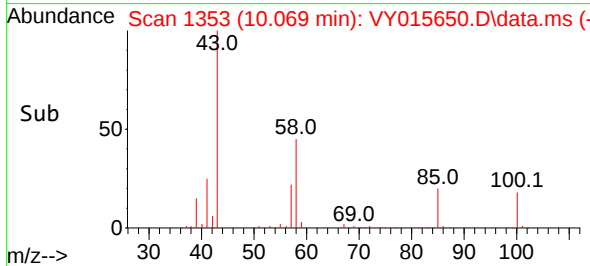
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



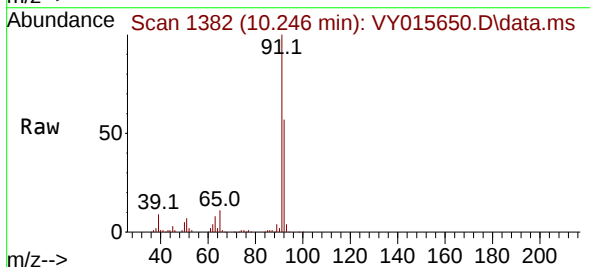
Tgt Ion: 43 Resp: 262050
Ion Ratio Lower Upper
43 100
58 39.5 29.0 43.6

Manual Integrations
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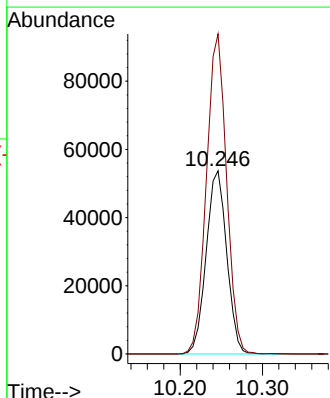
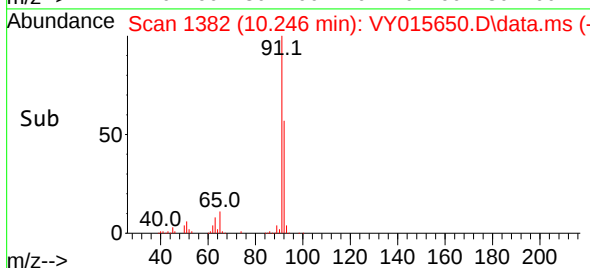
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

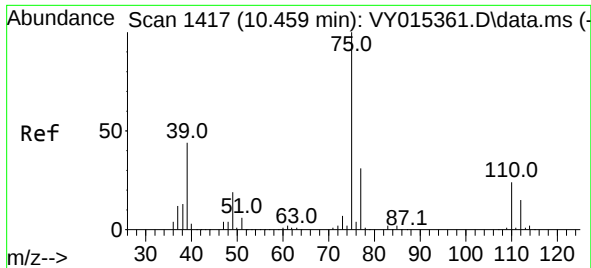


#52
Toluene
Concen: 20.085 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20



Tgt Ion: 92 Resp: 93164
Ion Ratio Lower Upper
92 100
91 171.0 143.8 215.6





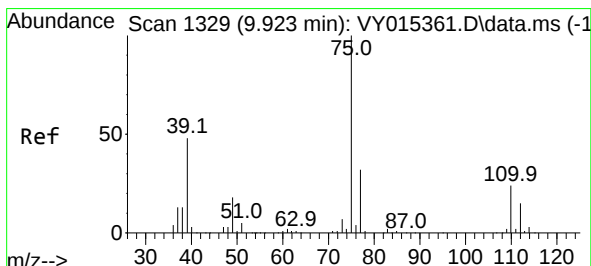
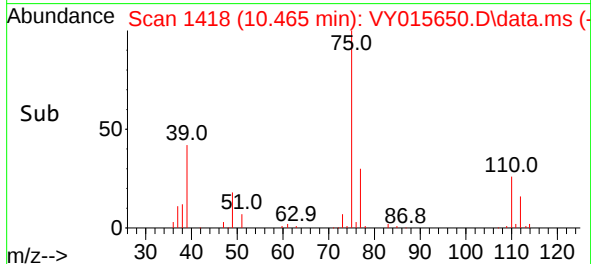
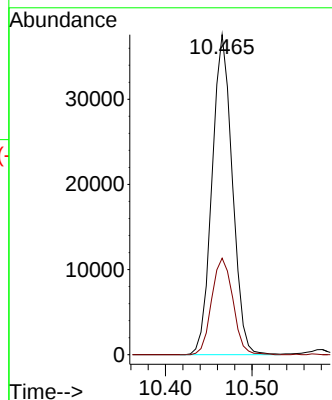
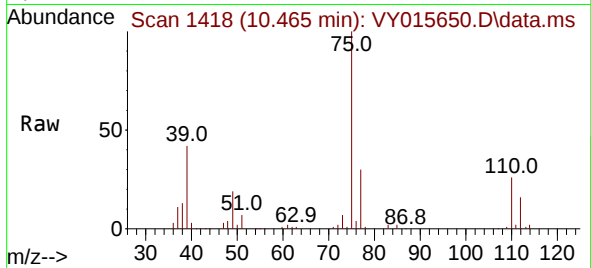
#53
 t-1,3-Dichloropropene
 Concen: 19.966 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015650.D
 Acq: 20 Sep 2023 11:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01

Tgt Ion: 75 Resp: 61252
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.0 37.4

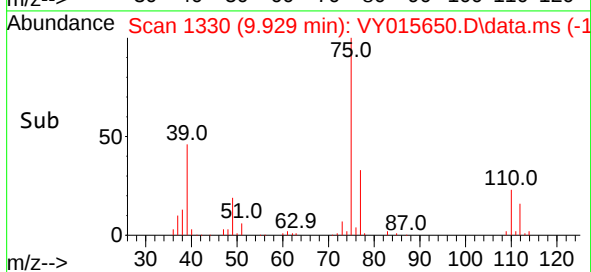
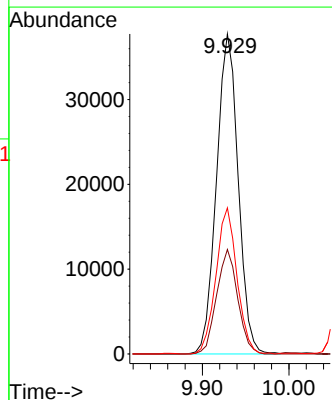
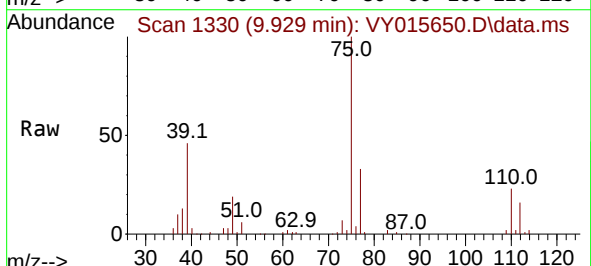
Manual Integrations
 APPROVED

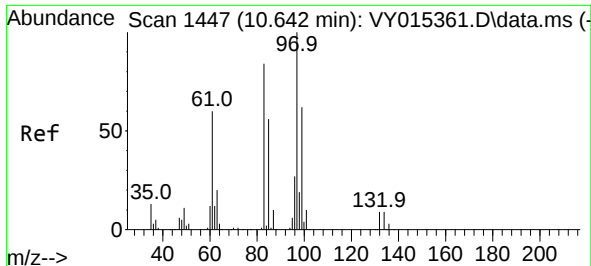
Reviewed By :Mahesh Dadoda 09/21/2023
 Supervised By :Semsettin Yesilyurt 09/21/2023



#54
 cis-1,3-Dichloropropene
 Concen: 19.878 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015650.D
 Acq: 20 Sep 2023 11:20

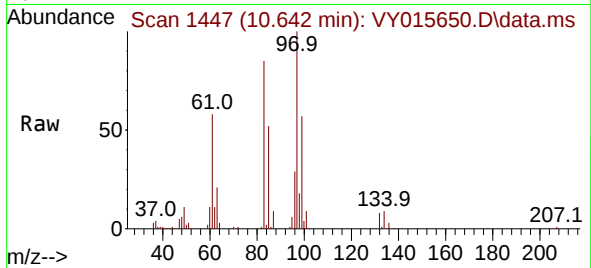
Tgt Ion: 75 Resp: 65640
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.2 36.4
 39 45.6 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.797 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

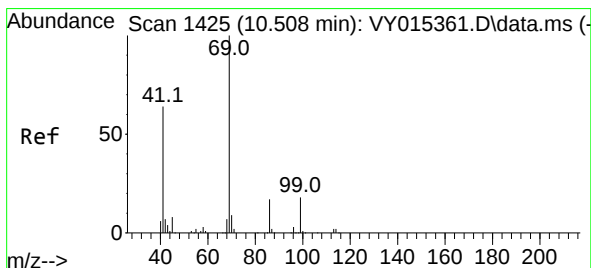
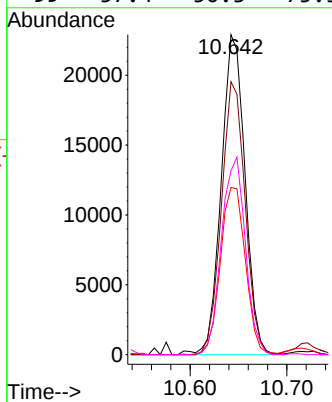
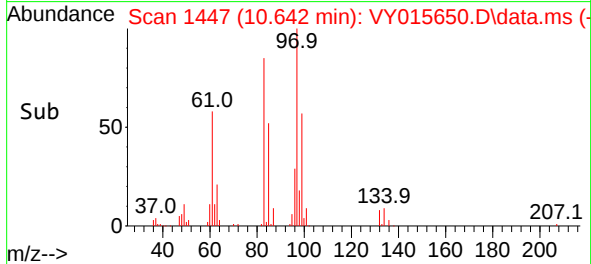
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBSD01



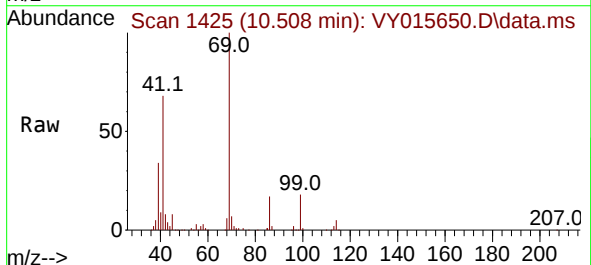
Tgt Ion: 97 Resp: 39110
Ion Ratio Lower Upper
97 100
83 85.3 72.0 108.0
85 52.3 45.4 68.0
99 57.4 50.3 75.5

Manual Integrations
APPROVED

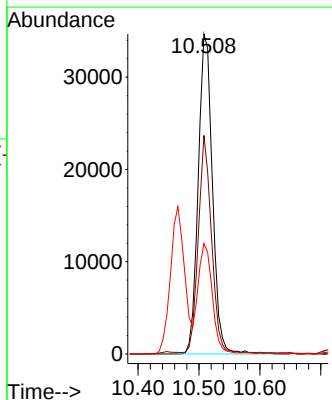
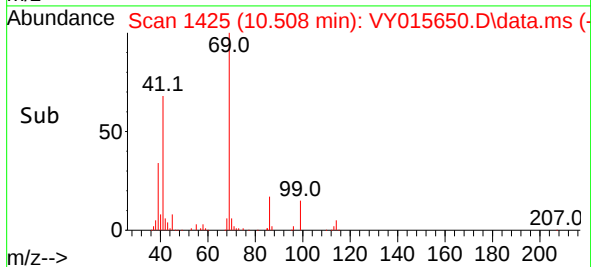
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

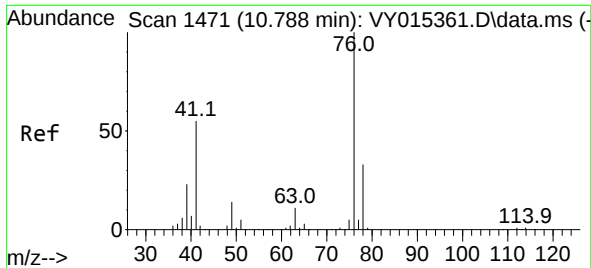


#56
Ethyl methacrylate
Concen: 20.285 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20



Tgt Ion: 69 Resp: 56226
Ion Ratio Lower Upper
69 100
41 62.8 57.6 86.4
39 33.4 34.1 51.1





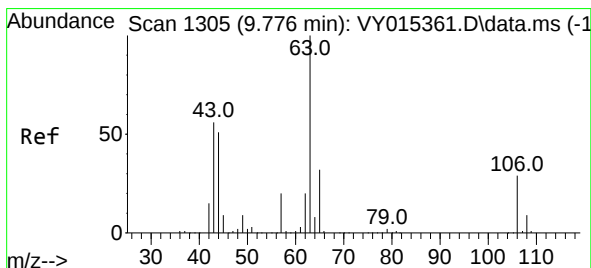
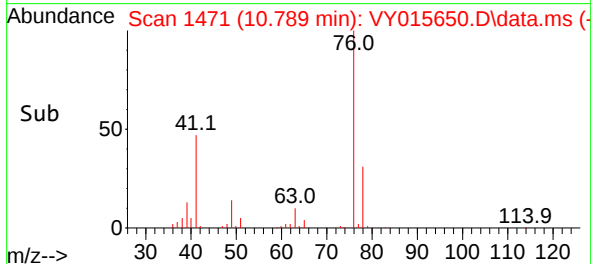
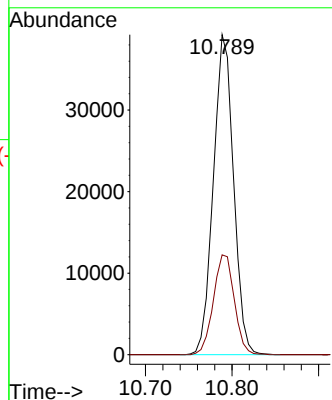
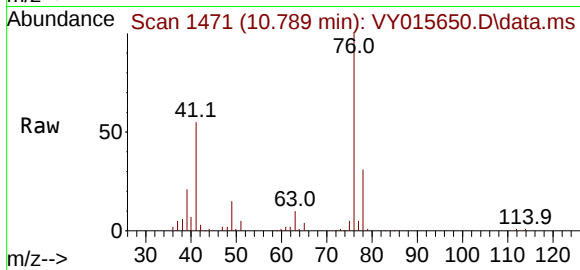
#57
1,3-Dichloropropane
Concen: 20.128 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion: 76 Resp: 6348
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9

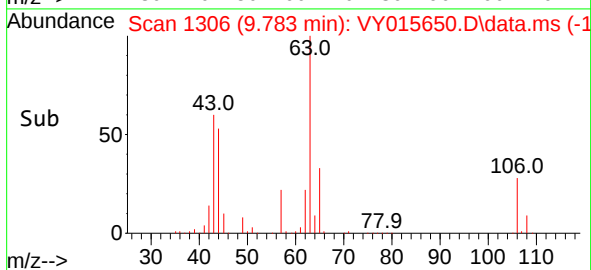
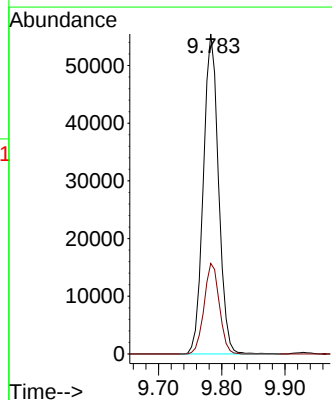
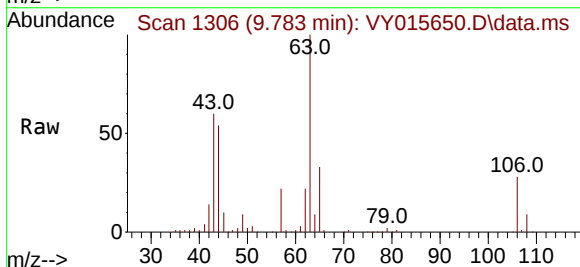
Manual Integrations
APPROVED

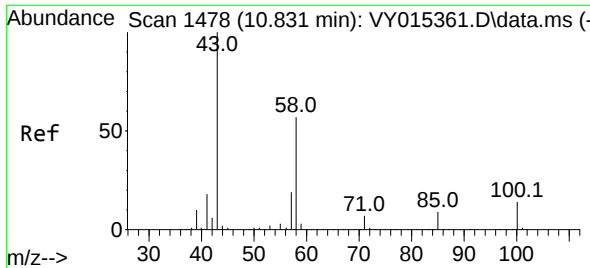
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 105.254 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.007 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

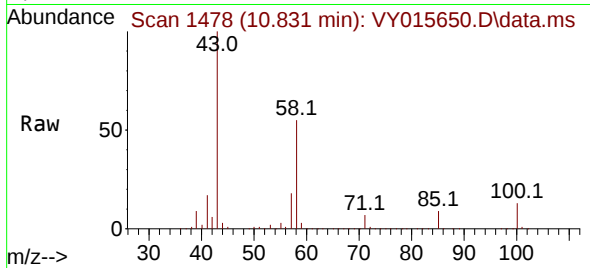
Tgt Ion: 63 Resp: 92669
Ion Ratio Lower Upper
63 100
106 28.3 21.2 31.8





#59
2-Hexanone
Concen: 108.094 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

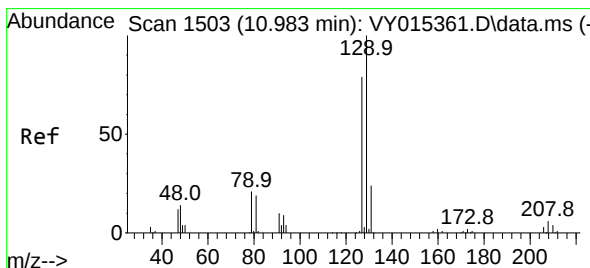
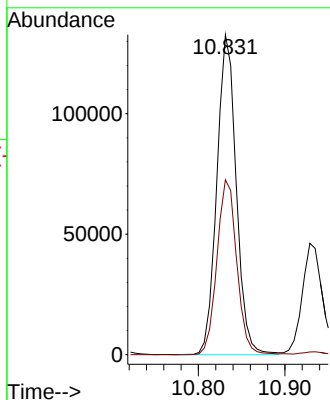
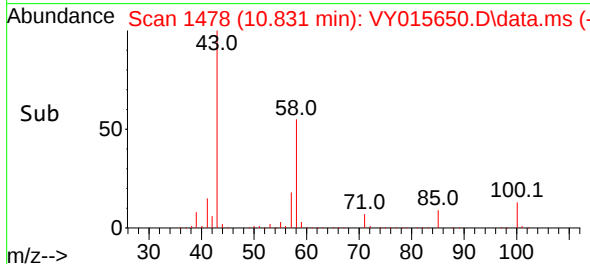
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



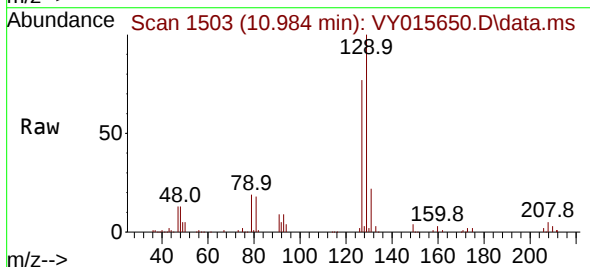
Tgt Ion: 43 Resp: 206628
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3

Manual Integrations
APPROVED

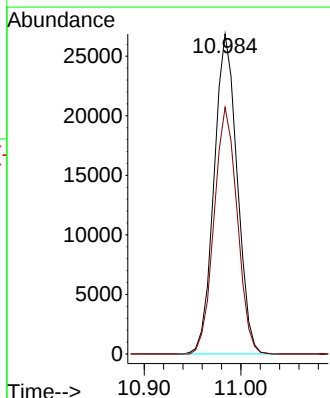
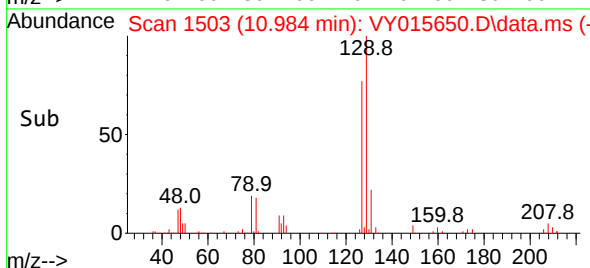
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

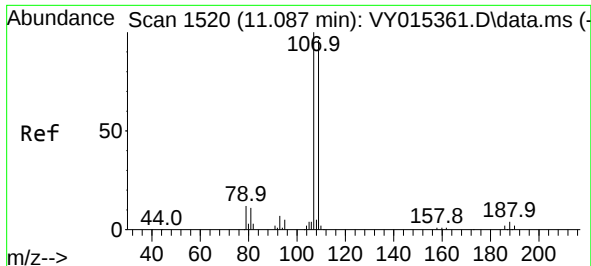


#60
Dibromochloromethane
Concen: 20.238 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20



Tgt Ion:129 Resp: 44433
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





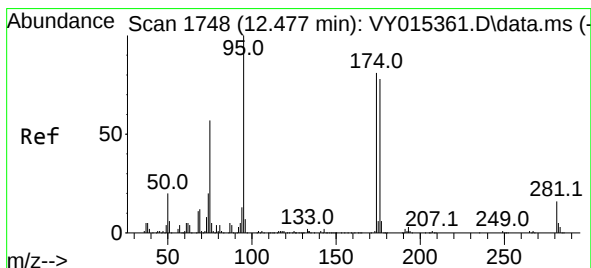
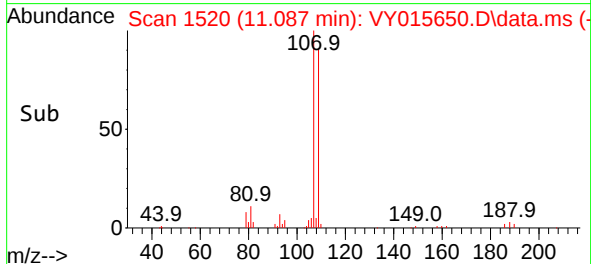
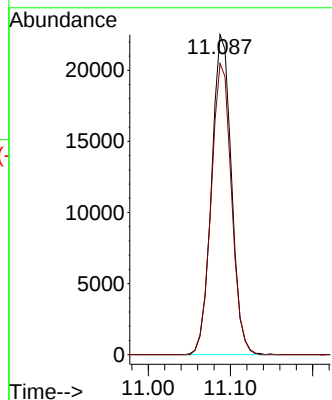
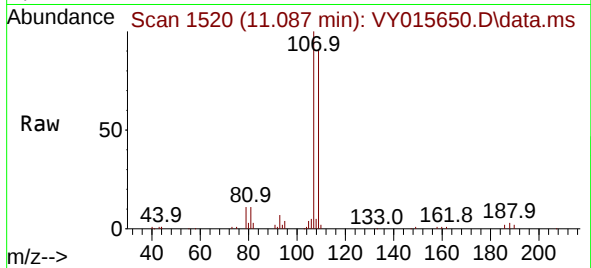
#61
1,2-Dibromoethane
Concen: 20.531 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion:107 Resp: 37778
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4

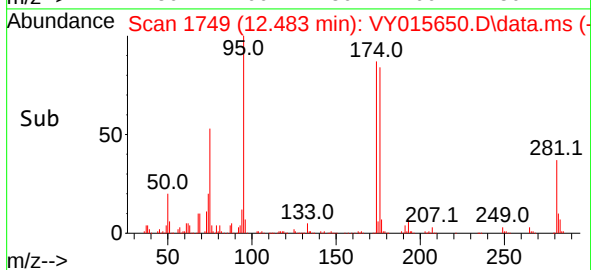
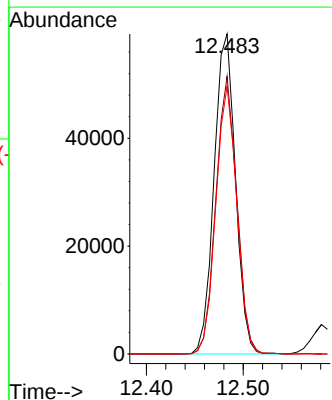
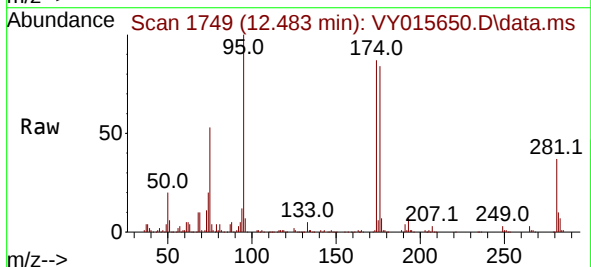
Manual Integrations
APPROVED

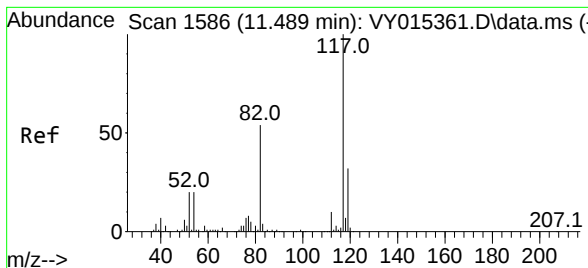
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#62
4-Bromofluorobenzene
Concen: 42.882 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 95 Resp: 91045
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBSD01

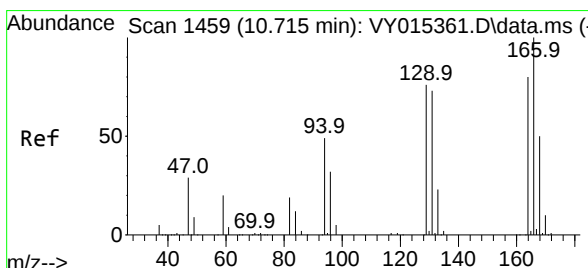
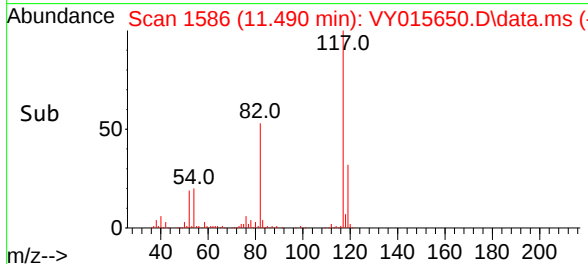
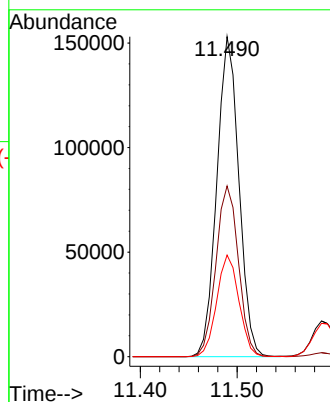
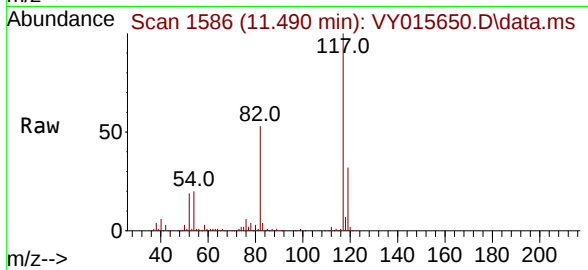
Tgt Ion:117 Resp: 242050

Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.4	65.0
119	31.8	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#64

Tetrachloroethene

Concen: 20.767 ug/l

RT: 10.721 min Scan# 1460

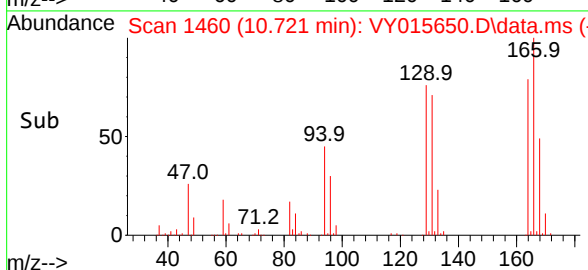
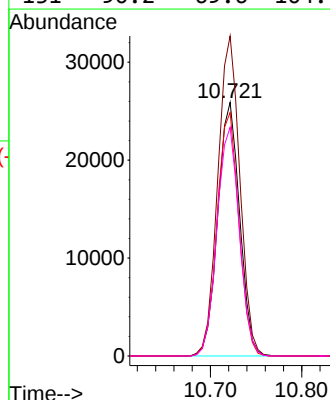
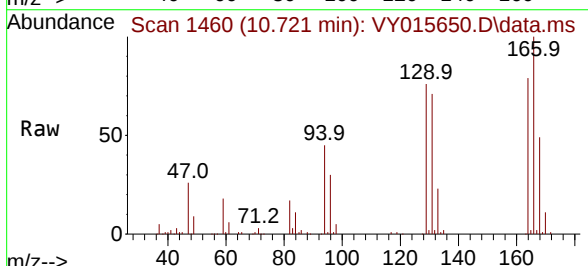
Delta R.T. 0.006 min

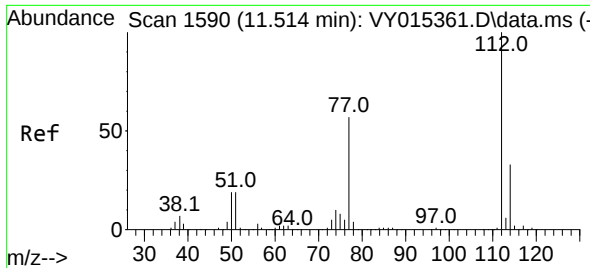
Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Tgt Ion:164 Resp: 43128

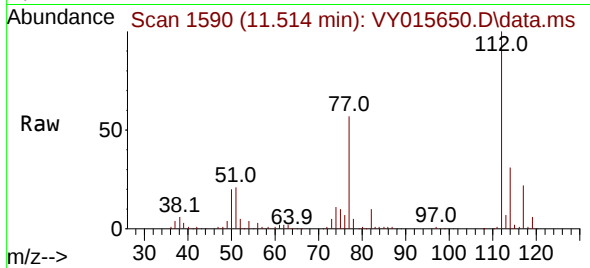
Ion	Ratio	Lower	Upper
164	100		
166	126.2	103.0	154.6
129	96.0	77.2	115.8
131	90.2	69.6	104.4





#65
Chlorobenzene
Concen: 20.070 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

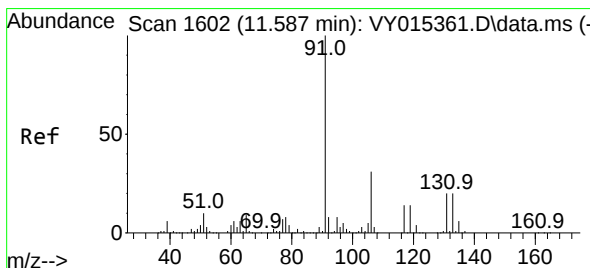
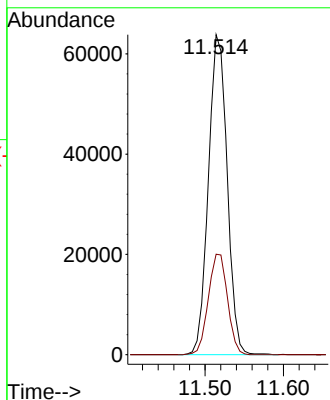
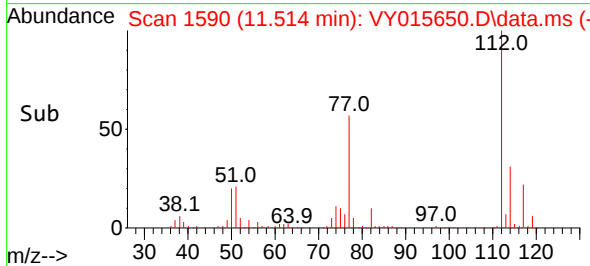
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion:112 Resp: 106038
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3

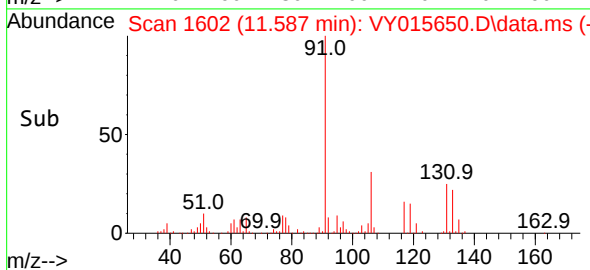
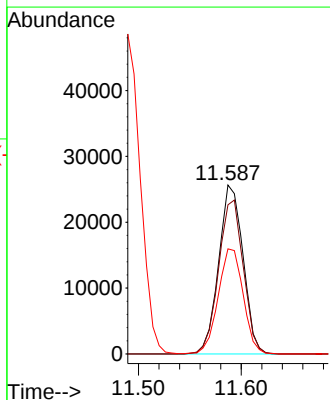
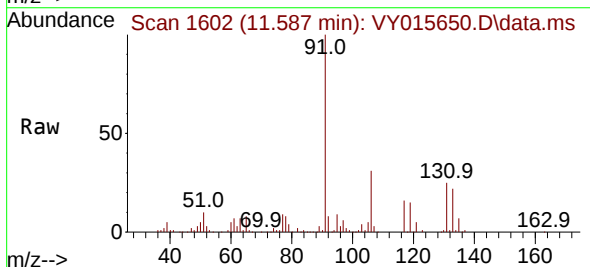
Manual Integrations
APPROVED

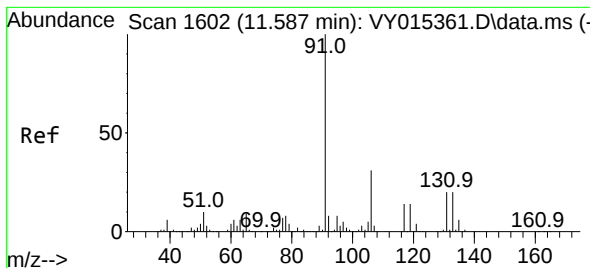
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.576 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion:131 Resp: 42228
Ion Ratio Lower Upper
131 100
133 92.5 47.5 142.6
119 63.8 31.6 94.7





#67

Ethyl Benzene

Concen: 19.976 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tgt Ion: 91 Resp: 18447

Ion Ratio Lower Upper

91 100

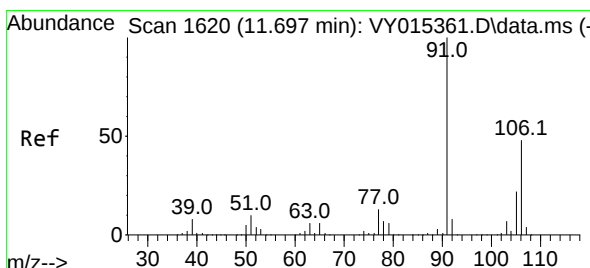
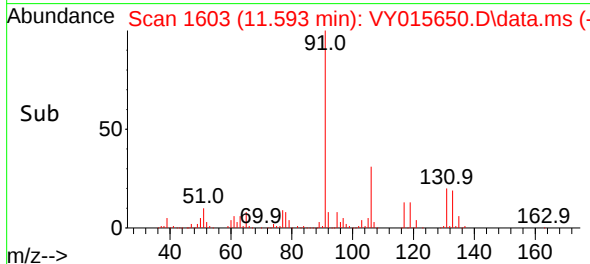
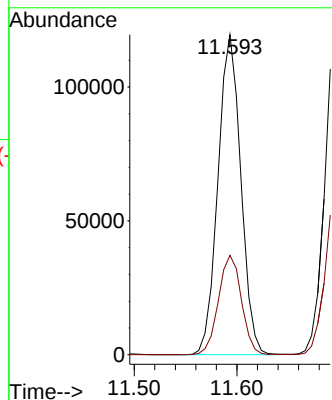
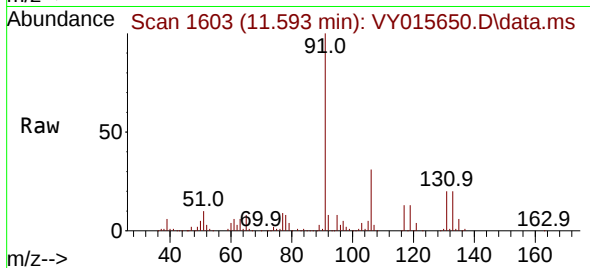
106 31.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023

Supervised By :Semsettin Yesilyurt 09/21/2023



#68

m/p-Xylenes

Concen: 40.824 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015650.D

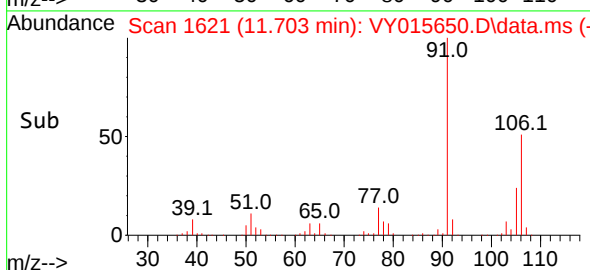
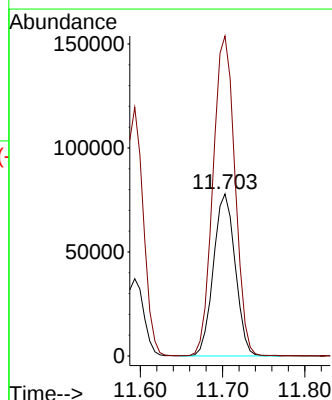
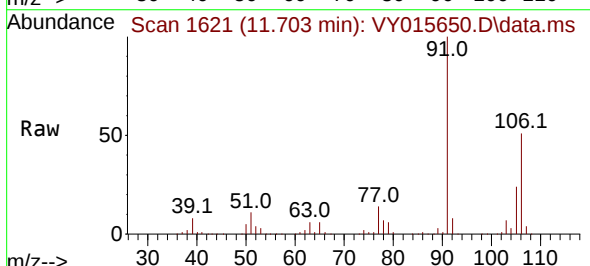
Acq: 20 Sep 2023 11:20

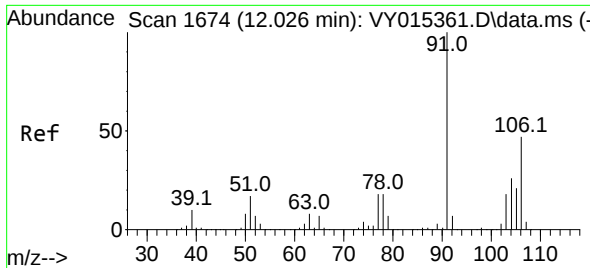
Tgt Ion:106 Resp: 143296

Ion Ratio Lower Upper

106 100

91 199.3 166.1 249.1





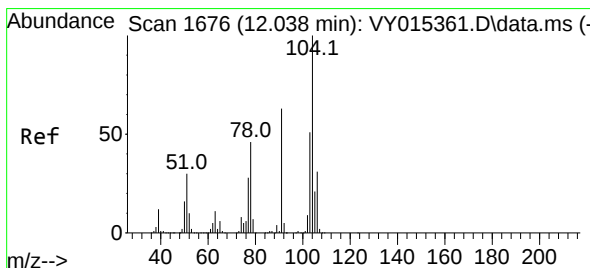
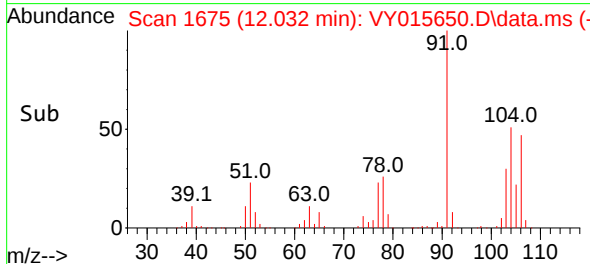
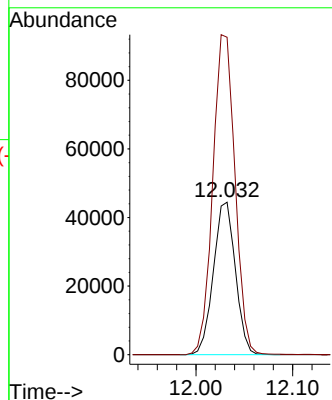
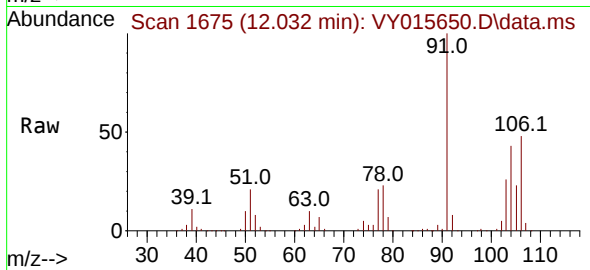
#69
o-Xylene
Concen: 20.384 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion:106 Resp: 70158
Ion Ratio Lower Upper
106 100
91 212.0 108.1 324.3

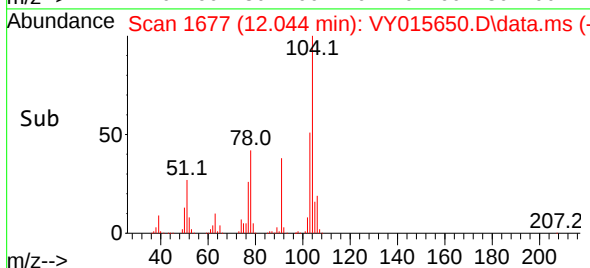
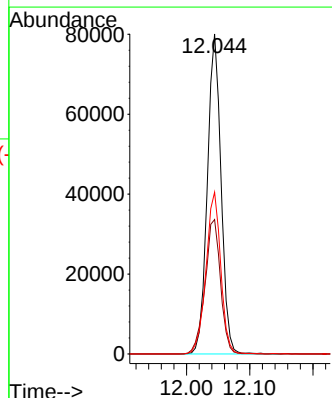
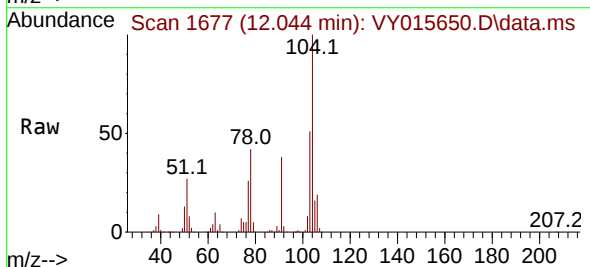
Manual Integrations
APPROVED

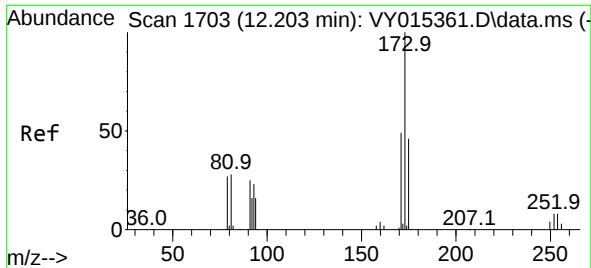
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#70
Styrene
Concen: 20.519 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

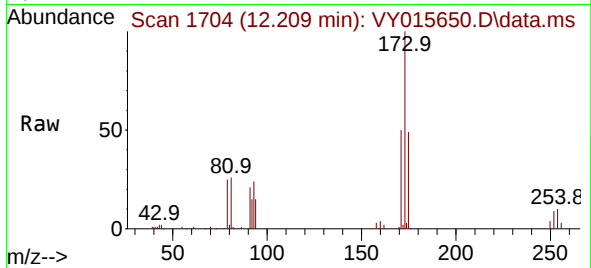
Tgt Ion:104 Resp: 120888
Ion Ratio Lower Upper
104 100
78 47.6 41.5 62.3
103 54.5 44.6 67.0





#71
Bromoform
Concen: 20.738 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

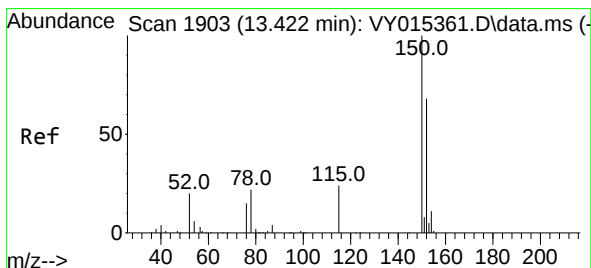
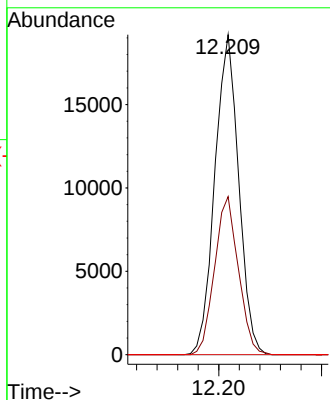
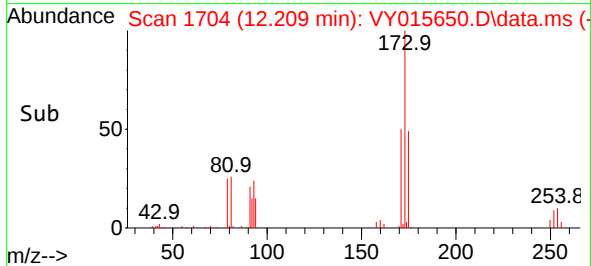
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



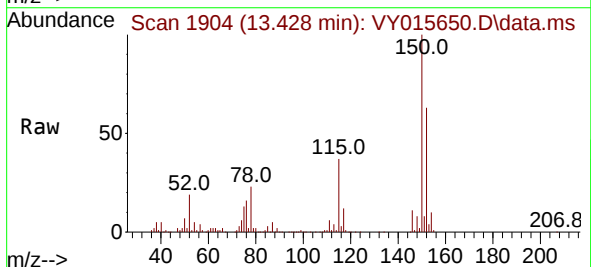
Tgt Ion:173 Resp: 3084
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
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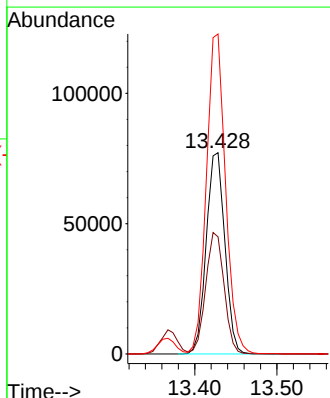
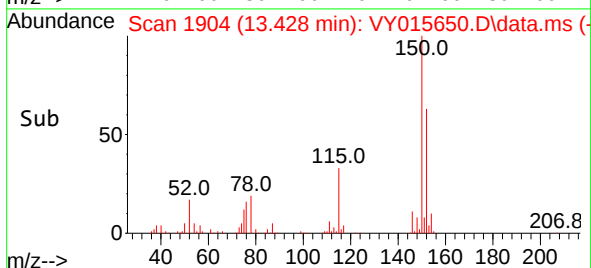
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

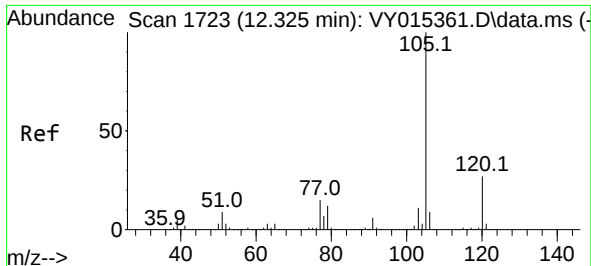


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20



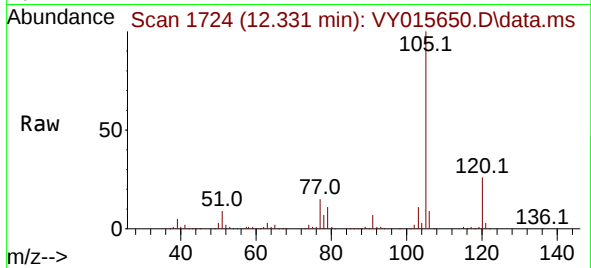
Tgt Ion:152 Resp: 121552
Ion Ratio Lower Upper
152 100
115 59.7 28.8 86.5
150 163.4 0.0 348.8





#73
Isopropylbenzene
Concen: 20.460 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

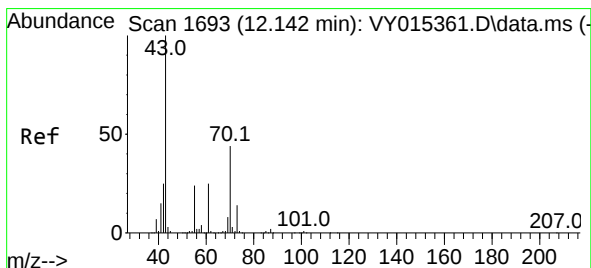
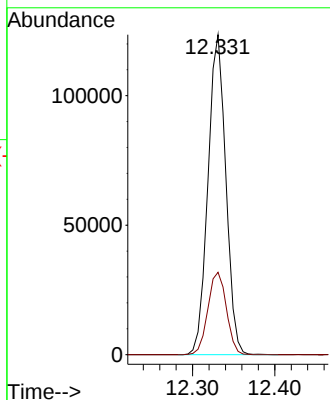
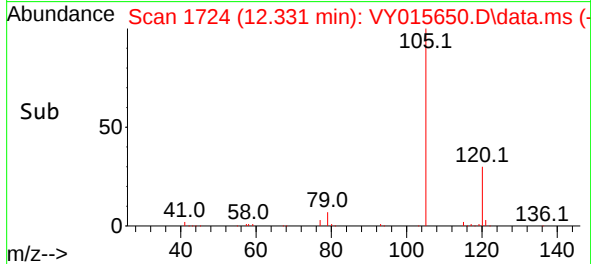
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion:105 Resp: 18656
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

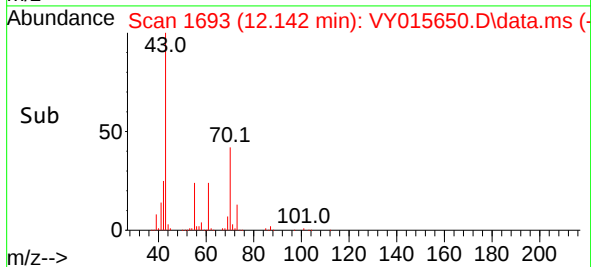
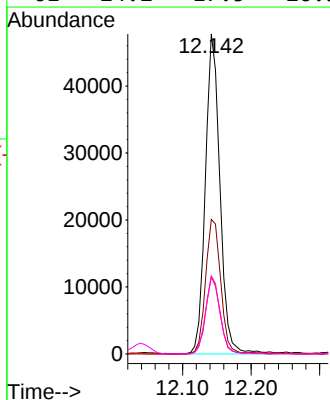
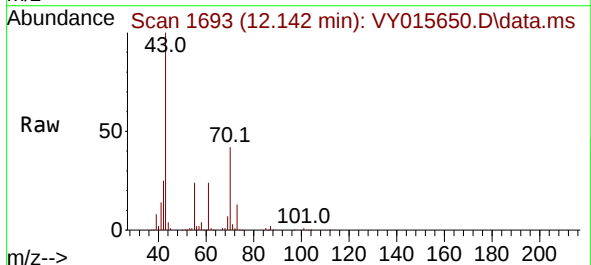
Manual Integrations
APPROVED

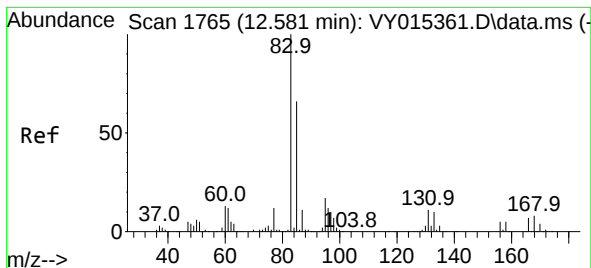
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#74
N-ethyl acetate
Concen: 20.758 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 43 Resp: 71140
Ion Ratio Lower Upper
43 100
70 43.4 29.7 44.5
55 23.9 18.3 27.5
61 24.2 17.5 26.3





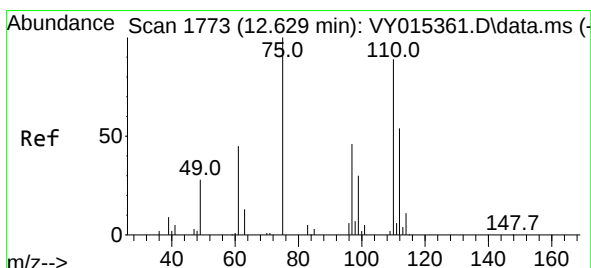
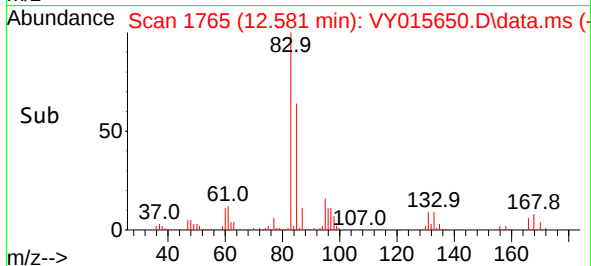
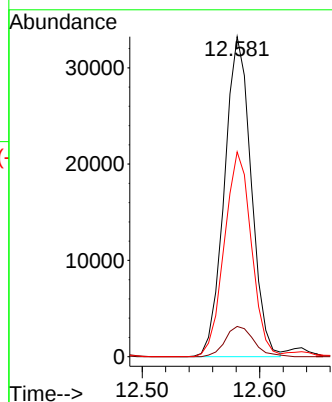
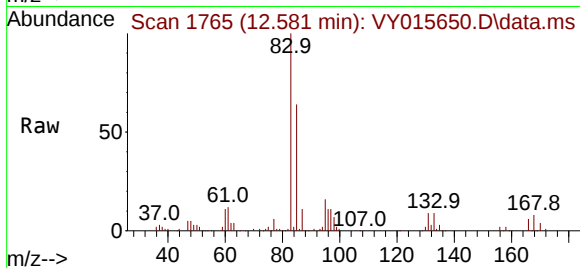
#75
1,1,2,2-Tetrachloroethane
Concen: 20.711 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion: 83 Resp: 52560
Ion Ratio Lower Upper
83 100
131 10.1 5.4 16.2
85 64.8 31.8 95.4

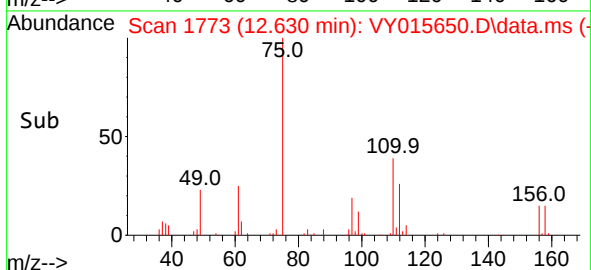
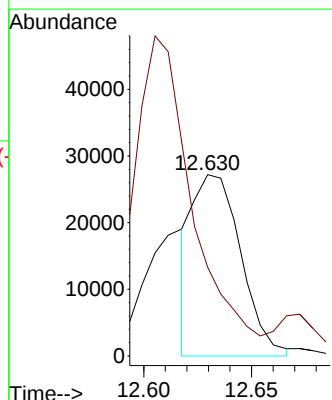
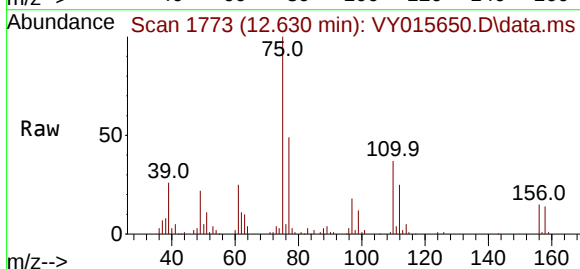
Manual Integrations
APPROVED

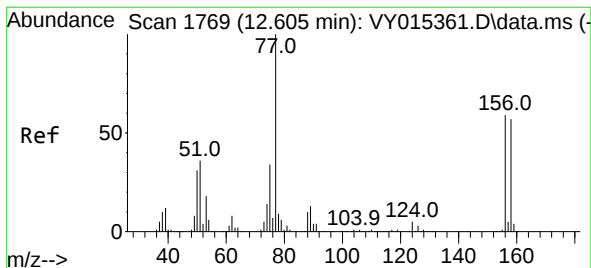
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#76
1,2,3-Trichloropropane
Concen: 21.918 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 75 Resp: 42502
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.435 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

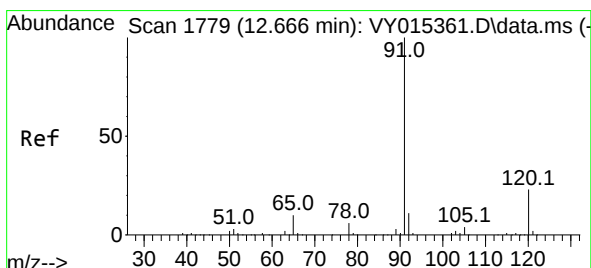
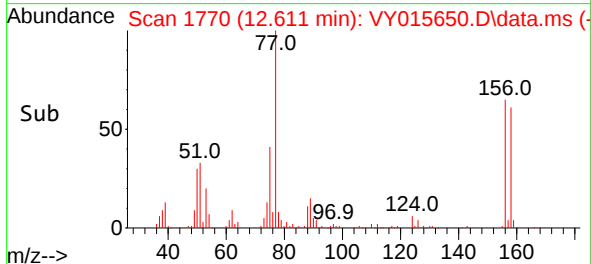
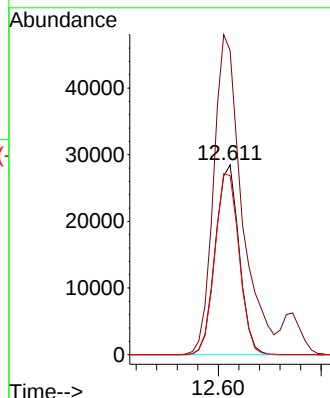
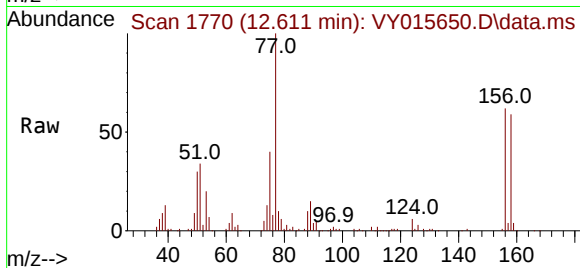
VY0920SBS01

Tgt Ion:	156	Resp:	45740
Ion Ratio	Lower	Upper	
156	100		
77	199.4	92.8	278.6
158	97.1	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#78

n-propylbenzene

Concen: 20.444 ug/l

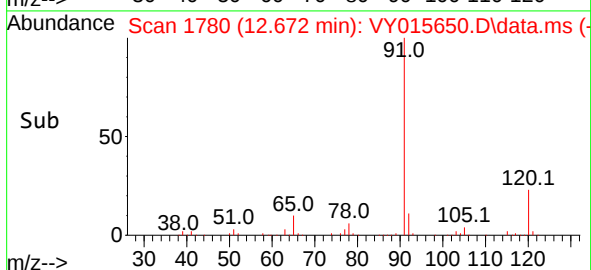
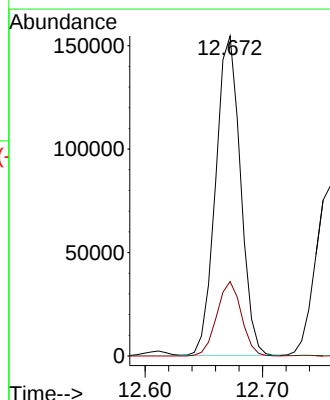
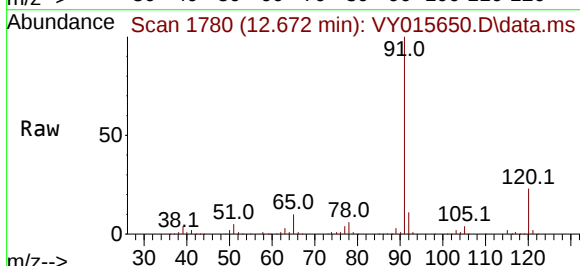
RT: 12.672 min Scan# 1780

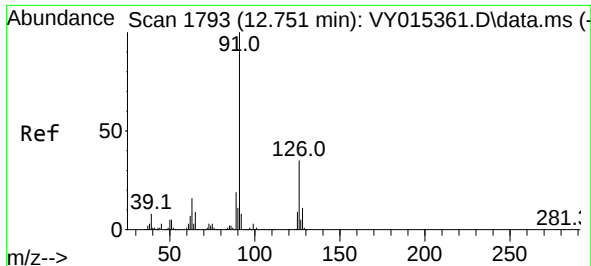
Delta R.T. 0.006 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Tgt Ion:	91	Resp:	226477
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.391 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0920SBS01

Tgt Ion: 91 Resp: 128760

Ion Ratio Lower Upper

91 100

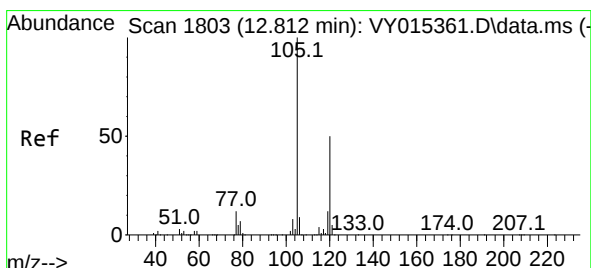
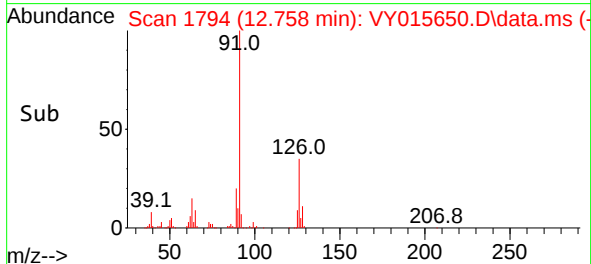
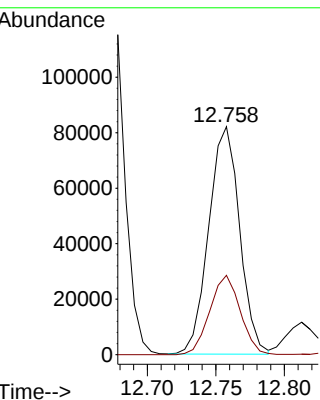
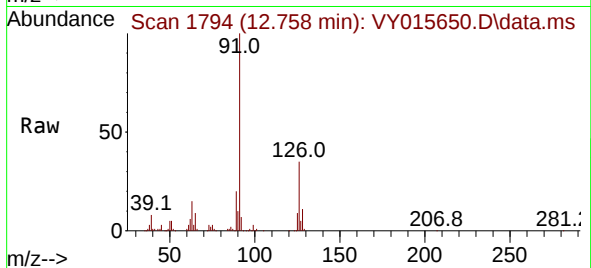
126 34.3 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023

Supervised By :Semsettin Yesilyurt 09/21/2023



#80

1,3,5-Trimethylbenzene

Concen: 20.438 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY015650.D

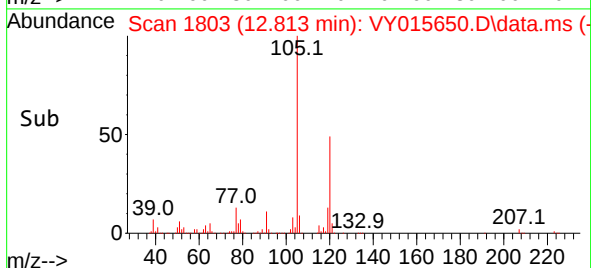
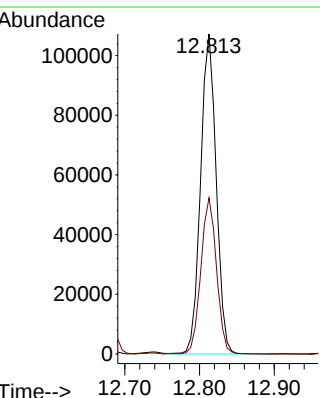
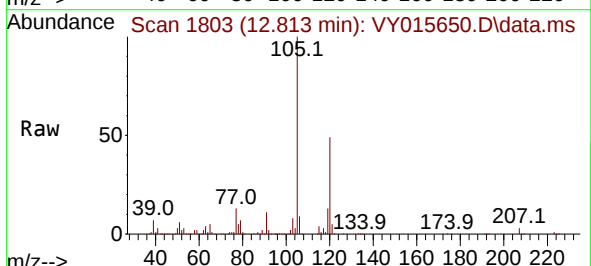
Acq: 20 Sep 2023 11:20

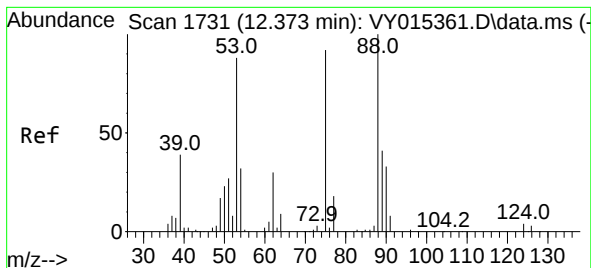
Tgt Ion:105 Resp: 156016

Ion Ratio Lower Upper

105 100

120 48.8 23.9 71.7





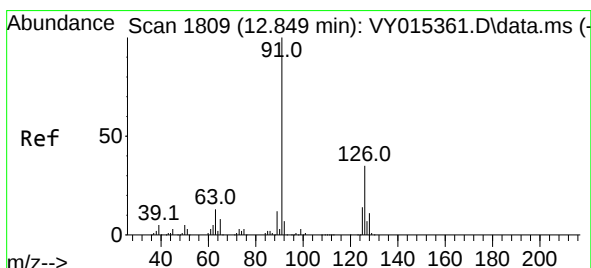
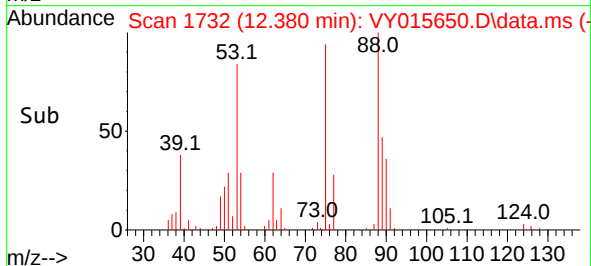
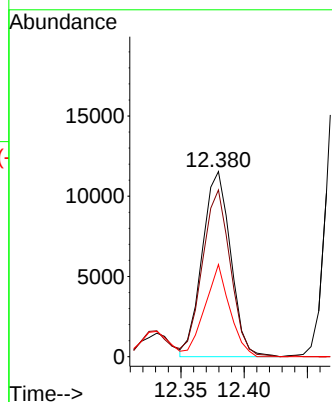
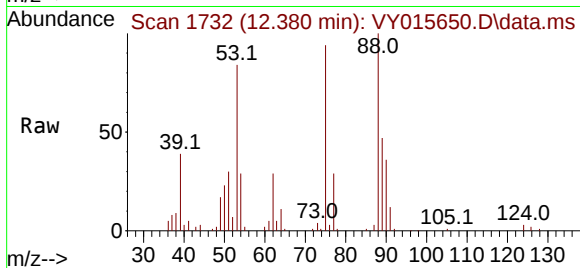
#81
trans-1,4-Dichloro-2-butene
Concen: 20.973 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion: 75 Resp: 18060
Ion Ratio Lower Upper
75 100
53 88.7 77.8 116.8
89 43.9 37.4 56.0

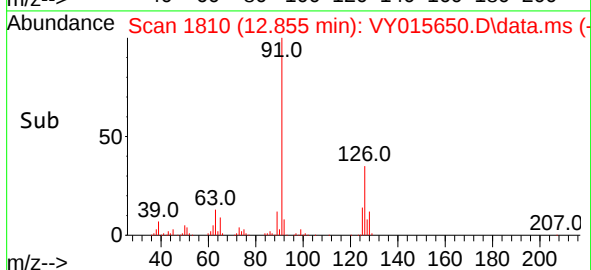
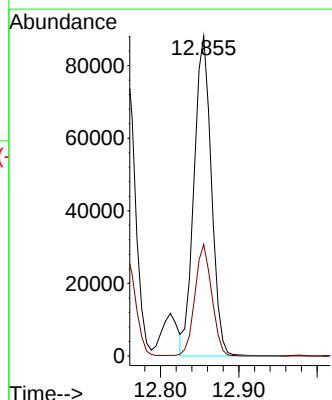
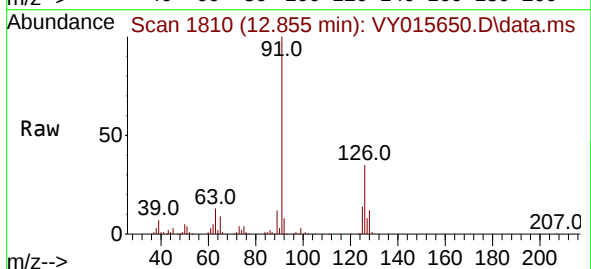
Manual Integrations
APPROVED

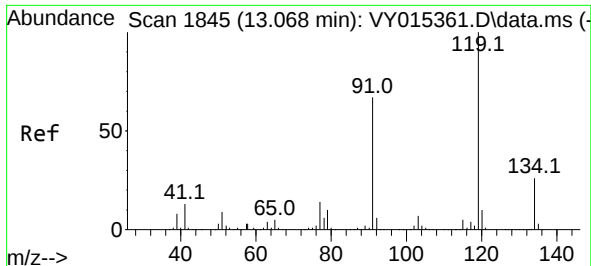
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#82
4-Chlorotoluene
Concen: 20.573 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

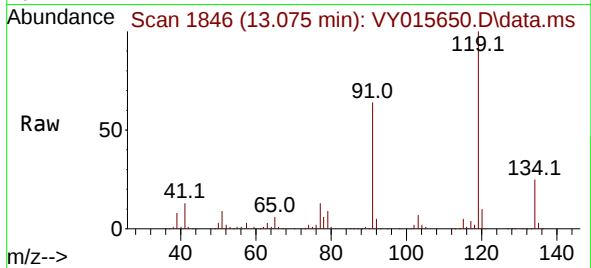
Tgt Ion: 91 Resp: 135616
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.541 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

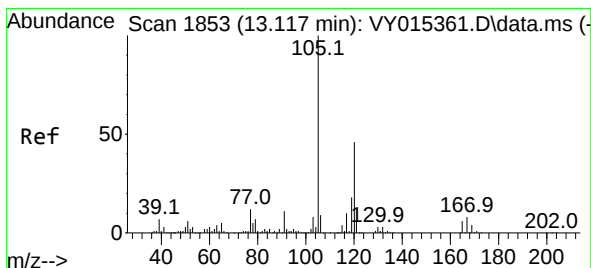
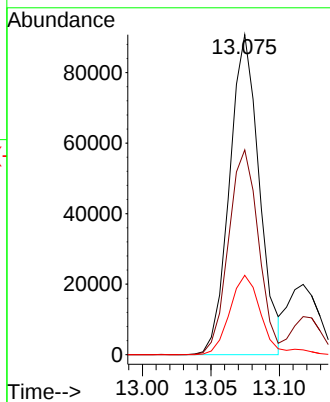
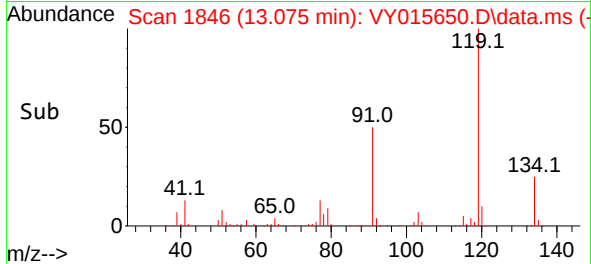
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



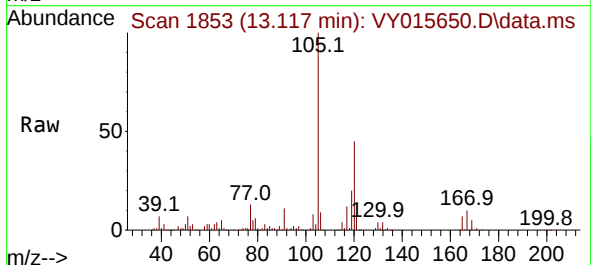
Tgt Ion:119 Resp: 137335
Ion Ratio Lower Upper
119 100
91 64.5 32.9 98.6
134 26.4 13.0 38.9

Manual Integrations
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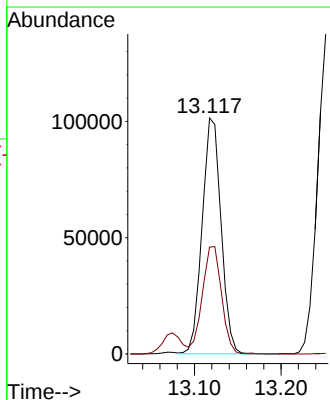
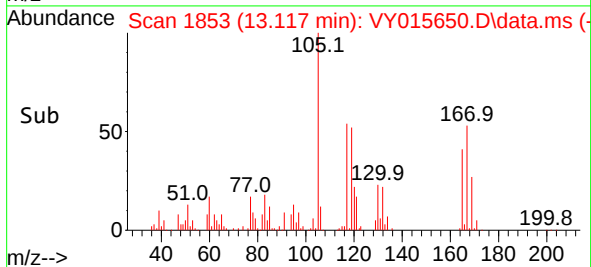
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023

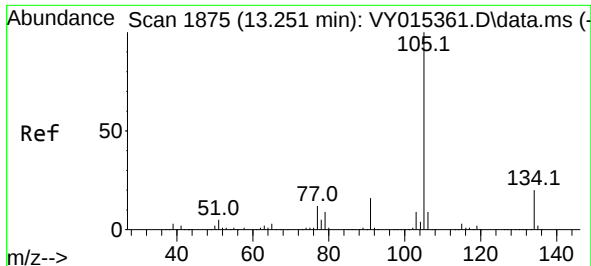


#84
1,2,4-Trimethylbenzene
Concen: 20.149 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20



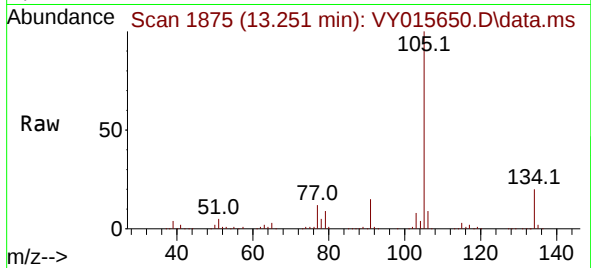
Tgt Ion:105 Resp: 153902
Ion Ratio Lower Upper
105 100
120 46.2 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 20.611 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY015650.D
 Acq: 20 Sep 2023 11:20

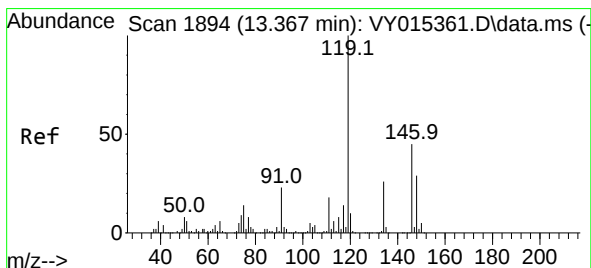
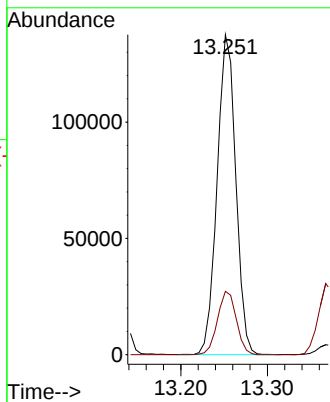
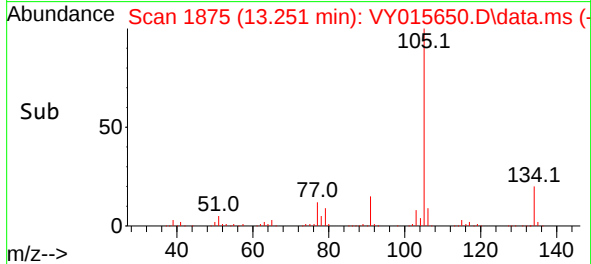
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0920SBS01



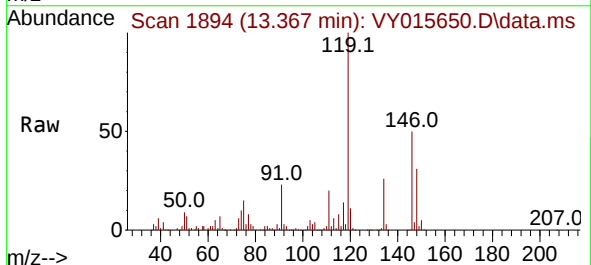
Tgt Ion:105 Resp: 206228
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.6

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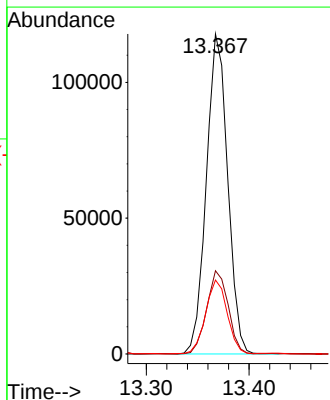
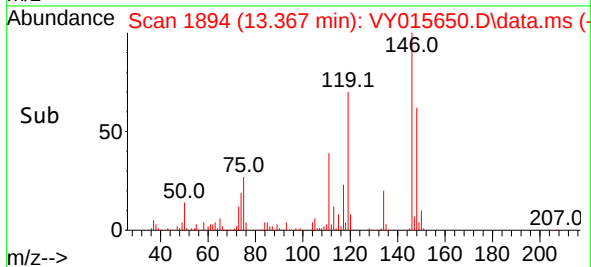
Reviewed By :Mahesh Dadoda 09/21/2023
 Supervised By :Semsettin Yesilyurt 09/21/2023

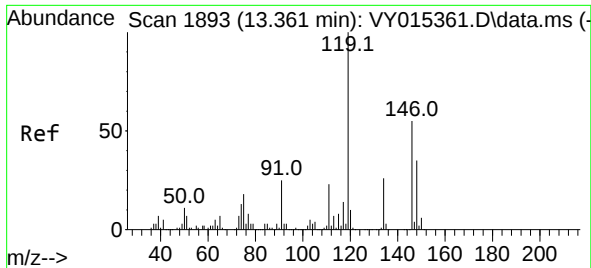


#86
 p-Isopropyltoluene
 Concen: 20.313 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY015650.D
 Acq: 20 Sep 2023 11:20



Tgt Ion:119 Resp: 169771
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 23.3 12.4 37.4





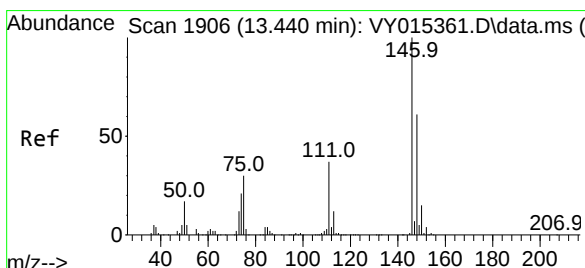
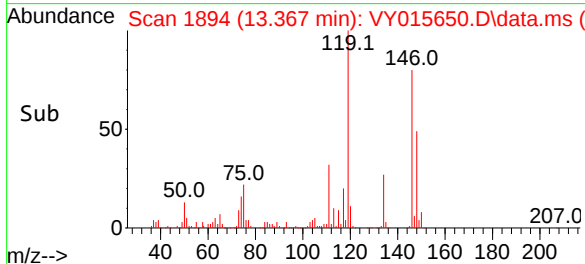
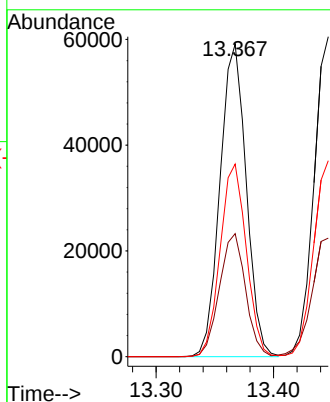
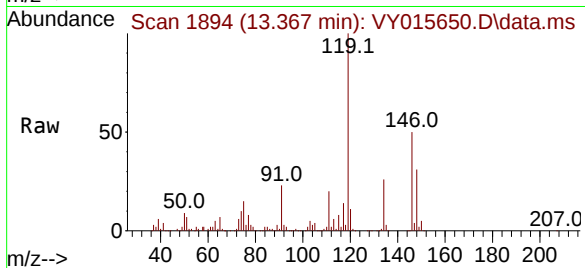
#87
1,3-Dichlorobenzene
Concen: 20.641 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion:146 Resp: 9165
Ion Ratio Lower Upper
146 100
111 39.4 19.4 58.2
148 61.6 31.9 95.5

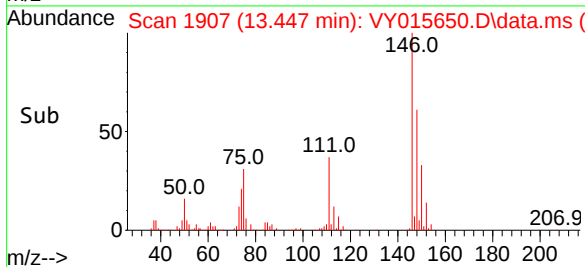
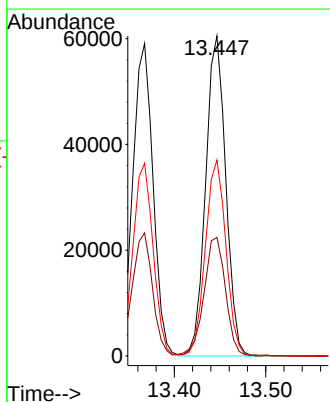
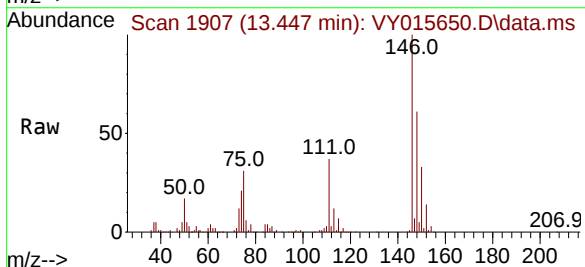
Manual Integrations
APPROVED

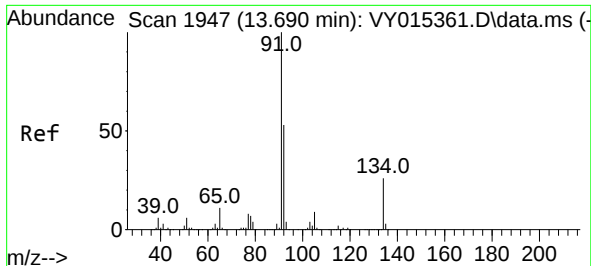
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#88
1,4-Dichlorobenzene
Concen: 20.796 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion:146 Resp: 92356
Ion Ratio Lower Upper
146 100
111 39.8 18.9 56.7
148 62.7 32.1 96.5





#89

n-Butylbenzene

Concen: 20.610 ug/l

RT: 13.697 min Scan# 1947

Delta R.T. 0.001 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Instrument :

MSVOA_Y

ClientSampleId :

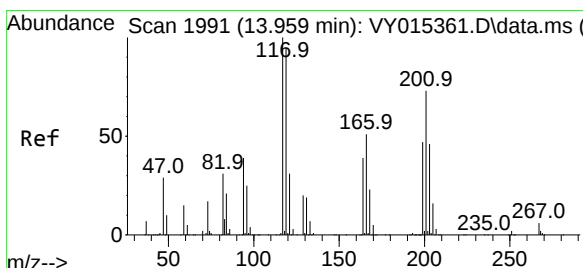
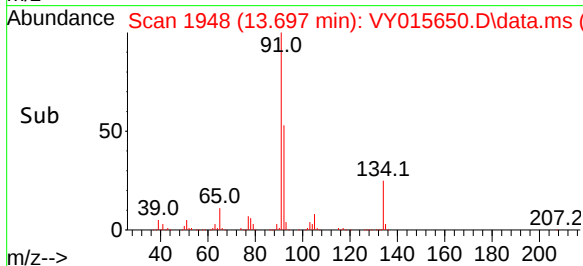
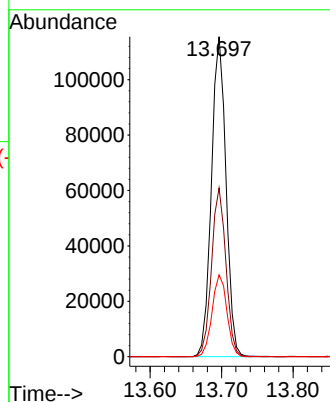
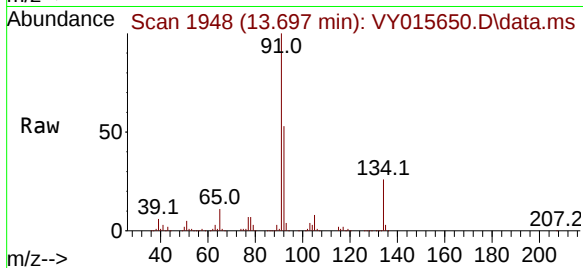
VY0920SBS01

Tgt Ion:	91	Resp:	16311
Ion Ratio	Lower	Upper	
91	100		
92	52.1	25.4	76.0
134	26.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#90

Hexachloroethane

Concen: 20.368 ug/l

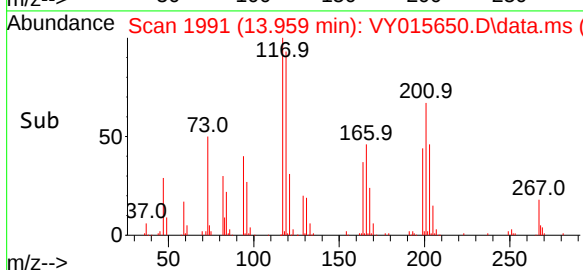
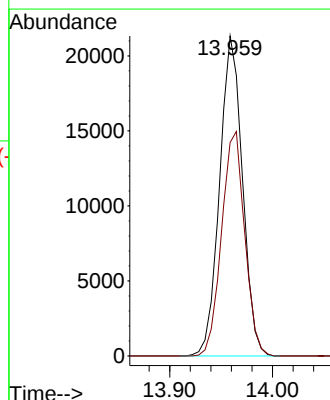
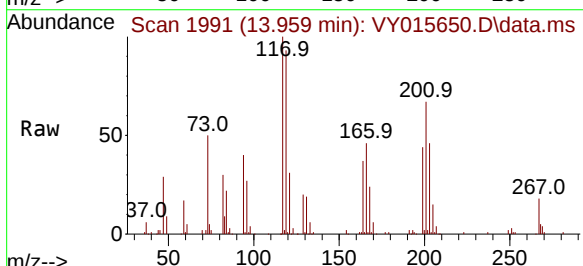
RT: 13.959 min Scan# 1991

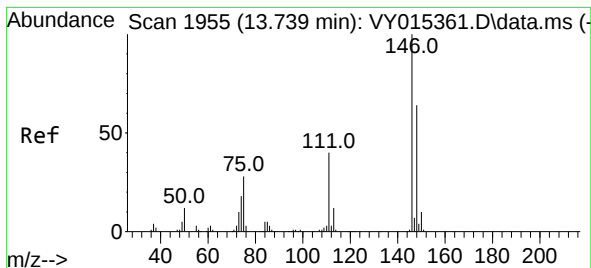
Delta R.T. -0.000 min

Lab File: VY015650.D

Acq: 20 Sep 2023 11:20

Tgt Ion:	117	Resp:	32854
Ion Ratio	Lower	Upper	
117	100		
201	71.1	41.6	124.8





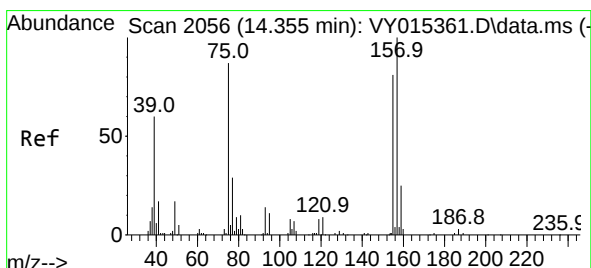
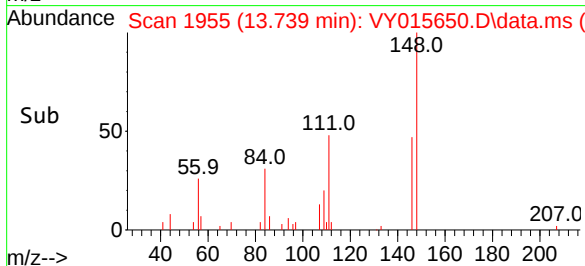
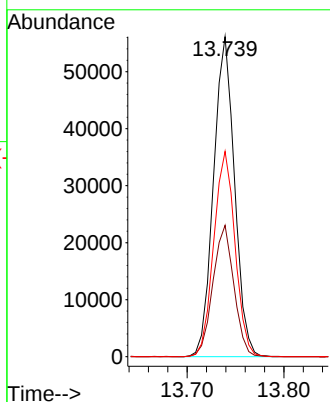
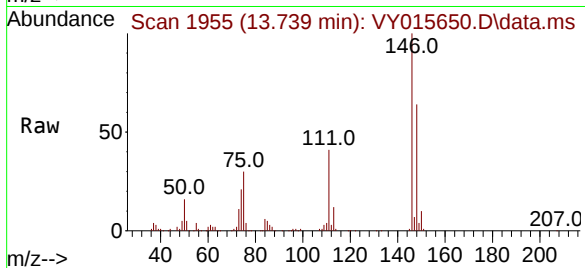
#91
1,2-Dichlorobenzene
Concen: 20.643 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBSD01

Tgt Ion:146 Resp: 8461
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 65.1 32.0 96.2

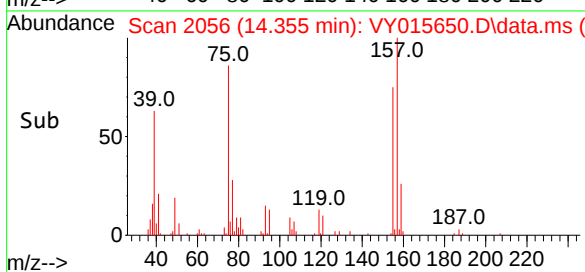
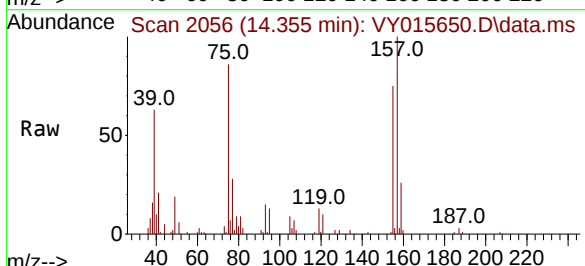
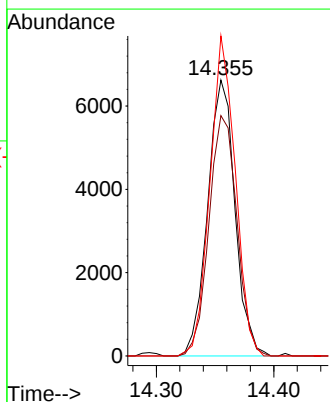
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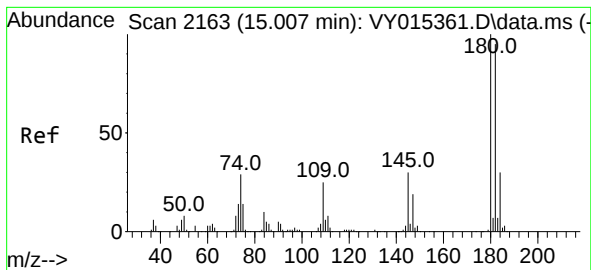
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.265 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion: 75 Resp: 10718
Ion Ratio Lower Upper
75 100
155 89.1 41.5 124.6
157 107.4 51.8 155.5





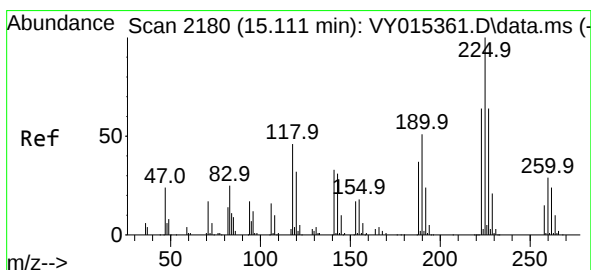
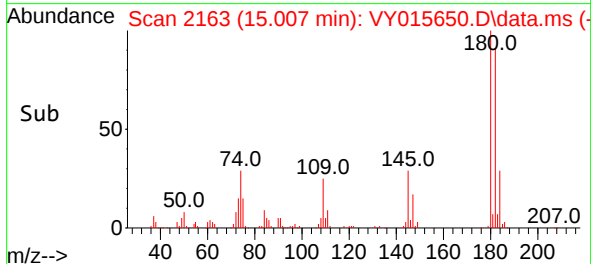
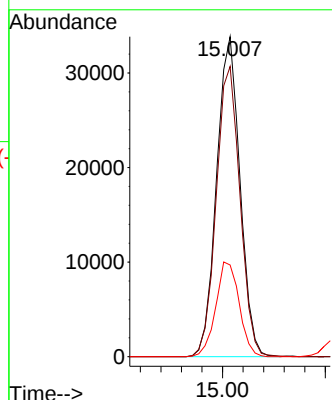
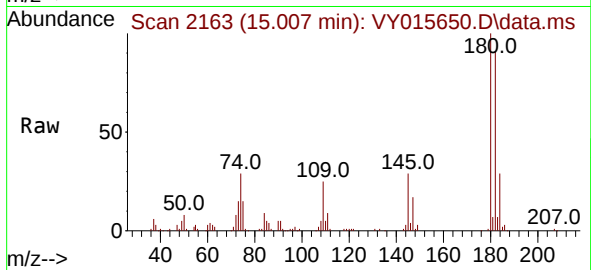
#93
1,2,4-Trichlorobenzene
Concen: 20.677 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01

Tgt Ion:180 Resp: 53358
Ion Ratio Lower Upper
180 100
182 92.1 47.0 141.2
145 29.6 14.5 43.5

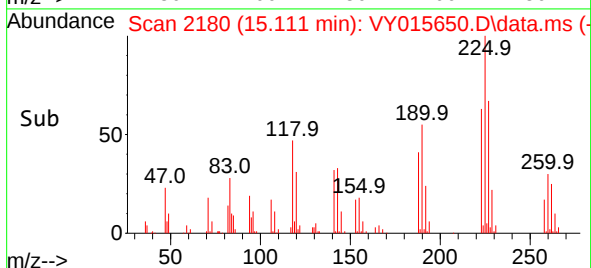
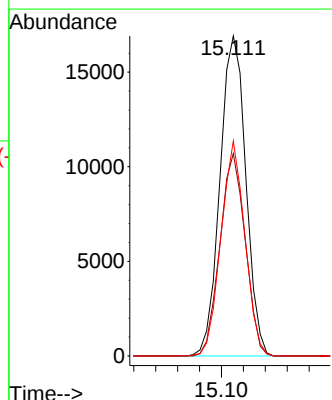
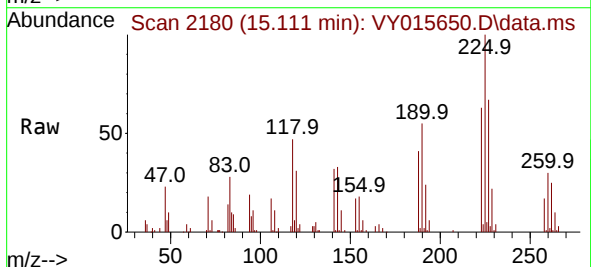
Manual Integrations
APPROVED

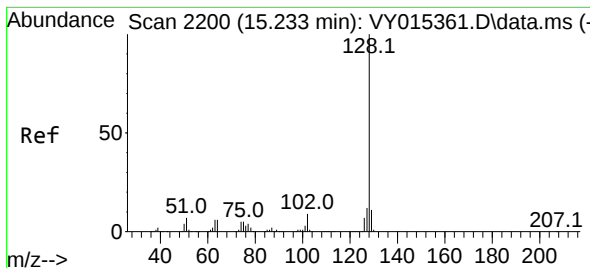
Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#94
Hexachlorobutadiene
Concen: 20.933 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

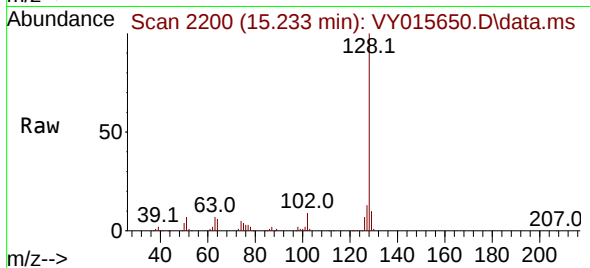
Tgt Ion:225 Resp: 27663
Ion Ratio Lower Upper
225 100
223 61.8 31.9 95.9
227 62.3 33.0 98.9





#95
Naphthalene
Concen: 20.721 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

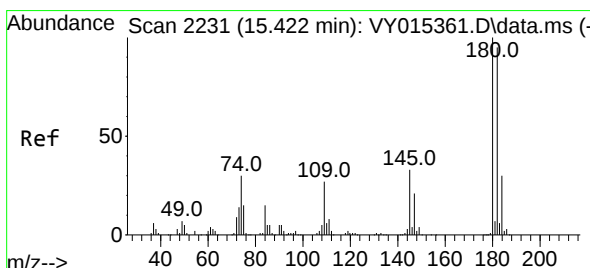
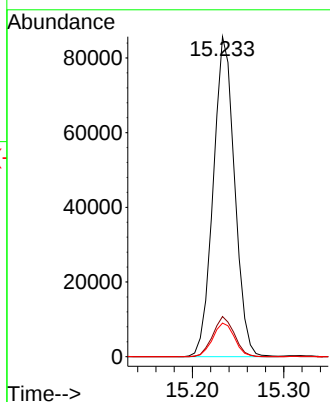
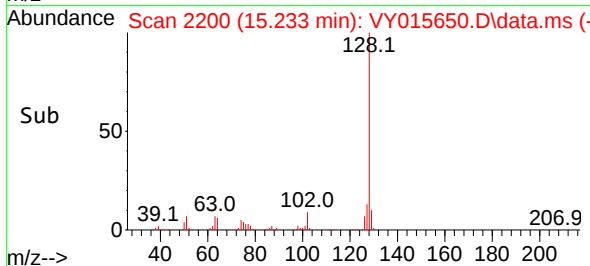
Instrument :
MSVOA_Y
ClientSampleId :
VY0920SBS01



Tgt Ion:128 Resp: 139429
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/21/2023
Supervised By :Semsettin Yesilyurt 09/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.731 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY015650.D
Acq: 20 Sep 2023 11:20

Tgt Ion:180 Resp: 49377
Ion Ratio Lower Upper
180 100
182 93.6 47.3 141.8
145 32.0 15.4 46.2

